SIONIQ.AI®
ADDING INTELLIGENCE

REQUIREMENT DOCUMENT

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

Table of Contents

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

Revision History

Name	Date	Reason For Changes	Version

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

REQUIREMENT DOCUMENT

1 Procurement

The **Procurement Module** in the Jewellery ERP system is designed to streamline and manage the purchasing process, ensuring efficient procurement of raw materials, gemstones, metals, and finished goods. It facilitates vendor management, purchase order creation, supplier negotiations, and order tracking. This module helps businesses optimize procurement costs, maintain stock levels, and ensure a smooth supply chain by integrating with inventory and financial systems. It also enables real-time monitoring of purchase transactions, reducing delays and discrepancies while enhancing overall procurement efficiency.

1.1 Vendor Category

The Vendor Category Creation feature in the Jewellery ERP system allows administrators to define and manage categories like Bullion, Customer, Karigar, Hallmark, Vendor, Melting, Lab, and Logistic. This ensures structured vendor classification, enabling seamless contract management, pricing, taxation, and real-time transaction tracking.

1.1.1 Data View

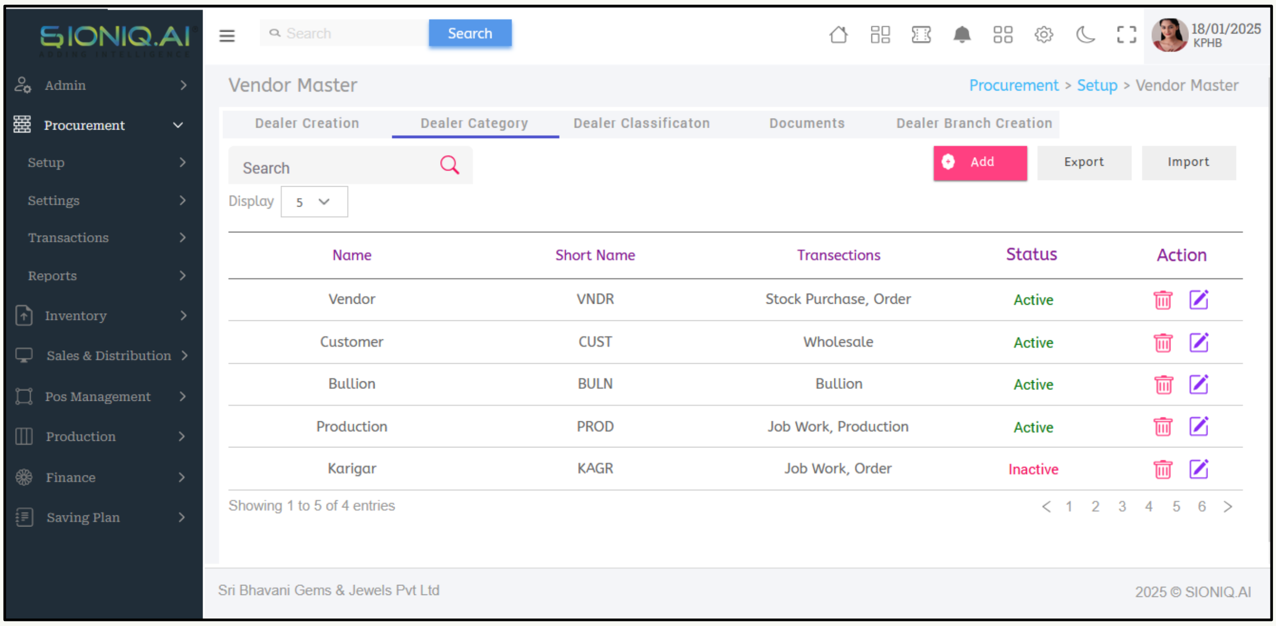
1.1.1.1 Purpose

This section allows users to define and manage different Vendor Categories within the system, ensuring proper classification based on business functions. It enables efficient organization, quick retrieval of categorized vendor records, and streamlined operations, supporting seamless vendor management and better operational insights.

1.1.1.2 User Type

Admin & Register Users.

1.1.1.3 Screen Layout



1.1.1.4 UI Elements

- **Search Option**
  - **Description:** A search bar located at the top of the data view section to filter vendor categories displayed in the table.
  - **Functionality:**
    - Enabled users to search by Vendor Category Name, Vendor Category Short Name, Transaction Types.
    - Dynamically updates the displayed table to show only results that match the search query.
- **Display Dropdown**
  - **Description:** A dropdown control to set the number of rows shown in the table at once
  - **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality:**
    - Allows users to control the number of vendor category records displayed per page Updates the table view immediately based on the selected number of rows
- **Buttons**
  - **Add Button**
    - **Label**: "New"
    - **Functionality**: Clicking this button opens the Vendor Category Creation Form, allowing users to add a new vendor category record. This ensures proper classification of vendors based on business operations.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)

- **Functionality**: Allows users to export the displayed vendor categories data in various file formats (Excel).
- **Export Options**:
  - Exports all or filtered data based on the current table view and search filter.

- **Import Button**
  - **Label**: "Import" (or Icon button as specified)
  - **Functionality**: Redirects to the Import Form page, where users can upload vendor categories data

- **Tabular View**
  - **Description**: The tabular view presents a structured list of all registered Vendor Categories, providing users with a clear and organized interface to view, manage, and update vendor category details efficiently.
  - **Columns**:
    - **Name**: Displays the full name of the vendor category to ensure easy identification.
    - **Short Name**: Shows a unique identifier code for the vendor category, allowing for quick reference and differentiation.
    - **Transactions**: Lists the transaction types associated with the specific vendor category to clarify its business operations.
    - **Status**: Indicates whether the vendor category is currently **Active** or **Inactive** within the system.
      - **Status Values**:
      - **Active**: If the checkbox is checked in the form.
      - **Inactive**: If the checkbox is unchecked in the form.
    - **Action**:
      - Delete: Deletes the selected Vendor category record (permission-based).
        - Functionality: A confirmation prompt is triggered before deletion to prevent accidental removal.
      - Edit: Allows modification of the vendor category (permission-based).
        - Functionality: Clicking the edit button opens the Vendor category Form, pre-filled with the selected vendor category information for seamless editing.

- **Paging for Table View**
  - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of vendor category records.
  - **Functionality**:
    - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
    - Shows page numbers to allow users to jump directly to specific pages.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- Updates the displayed vendor category records based on the selected page.

1.1.1.5 Functional Requirements

Refer to the above **UI Elements** section for specific functionalities associated with each element.

1.1.1.6 Data Requirements

- **Data Source**
  - The data displayed in the Category Table View is sourced from the Vendor Category Creation Table
  - **Fields and Requirements**:
    - **Name:** Specifies the type of vendor category based on its business operations. *(Example: Vendor, Customer, Bullion Vendor, Karigar, Hallmark, Melting Vendor, Lab)*.
    - **Short Name:** Represents a short or abbreviated version of the vendor category name for easier reference. *(Example: VEN, CUST, BULL, KAR, HLM, MELT, LAB)*.
    - **Transactions Type:** Defines the applicable transaction types that the vendor category is associated with. *(Example: Bullion, Job Work, Order, Melting, Testing)*.
    - **Status**: Displays the current status of the category (e.g., Active or Inactive).
    - **Action**: Provides options to **Edit** or **Delete** the respective category record.
- **Usage**
  - The table data is used for operational decisions, navigation, and reporting. All fields are searchable and filterable based on the requirements.

1.1.1.7 Non-Functional Requirements

None.

1.1.1.8 Configurations

- **Functionality:**
  - **Permission Settings**: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions, applicable only to **Sioniq Users** and **Admins**.
- **Available Permissions:**
  - **Add Vendor Category Permission**: Grants authorized users access to the "Add" button for creating new Vendor category records.
  - **Edit Permission**: Enables authorized users to access the **Edit** button in the **Action** column, allowing modification of existing Vendor category records.

- **Delete Permission**: Provides authorized users access to the **Delete** button in the **Action** column, enabling deletion of Vendor category records.

- **Permission Assignment:**
  - Permissions are assigned exclusively to **Sioniq Users** and **Admins**, ensuring role-based control over data management and system operations.

1.1.1.9 Flowchart

None.

1.1.1.10 Additional Notes

None.

1.1.2 Create Category

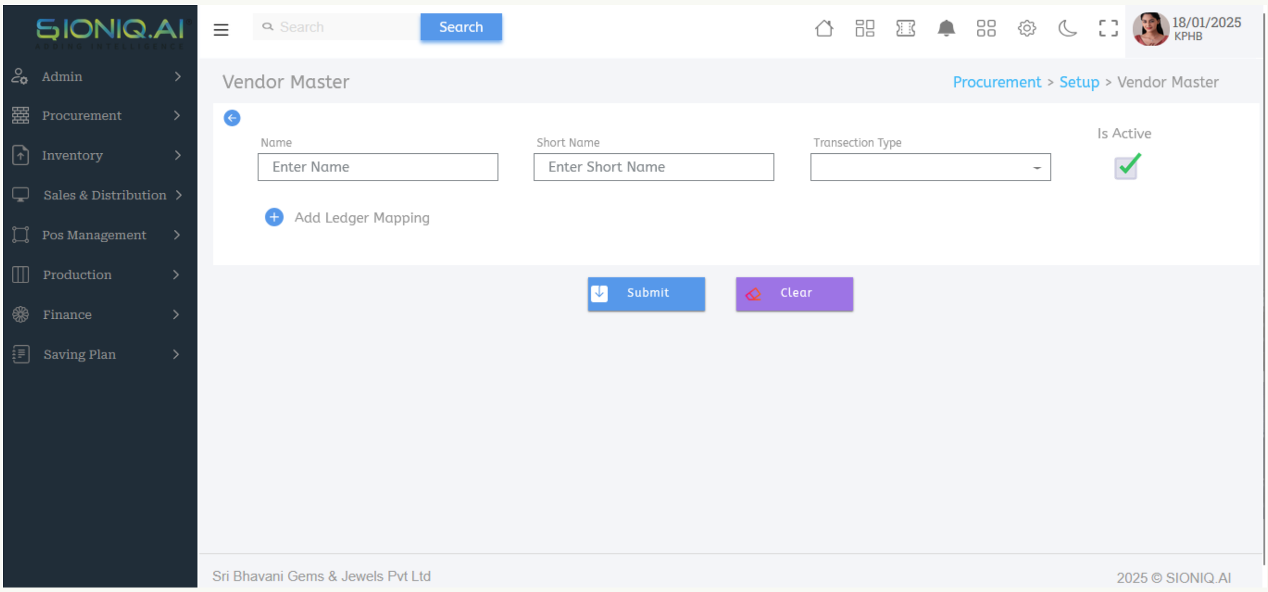
1.1.2.1 Purpose

This section allows users to define and manage Vendor Categories in the ERP system. Users can create categories such as Bullion, Vendor, Customer, Lab, Melting, and Hallmark, ensuring proper classification of vendors based on their business role. Categorizing vendors enhances data organization, reporting accuracy, and transaction efficiency, allowing for streamlined vendor management within the system.

1.1.2.2 User Type

Admin & Register Users

1.1.2.3 Screen Layout



Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.1.2.4 UI Elements

- **Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Name"
  - **Editable:** Yes
  - **Description:**
    - Allows users to enter the full name of the Vendor category.
    - This input will be used to identify the Vendor category in the system.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 50 characters
    - **Allowed Characters:** Letters, spaces, and special characters (e.g., Bullion, Melting & Testing, Customer, Vendor).
- **Short Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Short Name"
  - **Editable:** Yes
  - **Description:** Represents the short name of the Vendor Category.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 5 characters.
    - **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., SRJ-02, KPJ-04).
- **Transaction Type**
  - **Type:** Drop Down Check Box
  - **Label:** "Transaction Type"
  - **Editable:** Yes
  - **Description:** Allows users to select one or multiple transaction types applicable to the vendor category.
  - **Validation:**

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Required:** Yes
- **Allowed:** Multi check box selection

- **Options:**
  - **Source**: Predefined list of transaction types.

- **Add Ledger Mapping**
  - **Type:** Button
  - **Label:** "Add Ledger Mapping"
  - **Editable:** Yes
  - **Description:** Enables users to populate ledger mapping information dropdown fields.
  - **Functionality**: Allows users to enable Account Ledgers for mapping within the Vendor Category.

- **Account Type**
  - **Type:** Drop Down
  - **Label:** "Account Type"
  - **Editable:** Yes
  - **Description:** Allows users to select applicable account types for the Vendor Category.
  - **Validation:**
    - **Required:** Yes
  - **Options:**
    - **Source**: Account Type Master
    - **Example Values**: (Liabilities, Assets, Income, Expenses).

- **Group**
  - **Type:** Drop Down
  - **Label:** "Group"
  - **Editable:** Yes
  - **Description:** Allows users to select group applicable to the vendor category.
  - **Validation:**
    - **Required:** Yes
  - **Options:**
    - **Source**: Group Master
    - **Example Values**: (Equity Owners Fund, Loan Funds, Current Liabilities).

- **Sub Group**
  - **Type:** Drop Down
  - **Label:** "Sub Group"
  - **Editable:** Yes
  - **Description:** Allows users to select sub group applicable to the vendor category.
  - **Validation:**
    - **Required:** Yes
  - **Options:**
    - **Source**: Sub Group Master
    - **Example Values**: (Sundry Creditors, Share Application Money, Other Payables).
- **Ledger**
  - **Type:** Drop Down
  - **Label:** "Ledger"
  - **Editable:** Yes
  - **Description:** Allows users to select ledger names applicable to the vendor category.
  - **Validation:**
    - **Required:** Yes
  - **Options:**
    - **Source**: Ledger Master
    - **Example Values**: (Sundry Creditors for Expenses, Sundry Creditor for Fixed Assets, Sundry Creditor for Goods, Sundry Debtors, Sundry Debtors for Rent).
- **Is Active**
  - **Type:** Checkbox
  - **Label:** "Is Active"
  - **Editable:** Yes
  - **Default Value:** Checked (True)
  - **Behavior:**
    - **Checked:** The Vendor category remains active in the system.
    - **Unchecked:** The Vendor category is inactive but remains in the database.
- **Submit Button**

- **Type:** Button
- **Label:** "Submit"
- **Editable:** No
- **Description:** Triggers the submission of the vendor category form data to the database.
- **Validation:** Ensures all required fields are filled and validated before submission.

○ **Clear Button**

- **Type:** Button
- **Label:** "Clear"
- **Editable:** No
    - **Description:** Resets or clears all form fields, allowing the user to start fresh

1.1.2.5 Functional Requirements

○ **Actions**

- **Submit Button Click**
    - **Action:** Triggers form submission if all required fields (e.g., Name, Short Name, Transaction Type, etc.) are valid.
    - **Outcome:**
        - **Create Operation:** Saves a new vendor category record to the database.
        - **Update Operation:** Updates an existing vendor category record if it is being edited.
- **Clear Button Click**
    - **Action:** Resets all fields to their default values after confirming with the user.
    - **Outcome:** Form fields are cleared for a new entry.
- **Previous Button Click**
    - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.

○ **Validation**

- **Field Format Validation**
    - **Transaction Type:** Must be selected from the predefined dropdown options.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Error Messages**
  - **Submit Attempt with Missing Values:**
    - **Condition:** If one or more required fields are empty when the Submit button is clicked.
    - **Behavior:** The system displays specific error messages indicating missing values.
    - **Examples:**
      - "Name is required"
      - “Short Name is required”
      - “Transaction type is required”
- **Behavior**
  - **Successful Submission**
    - If all fields are valid, the form data is saved in the database, and a success confirmation message is displayed.
  - **Form Reset**
    - Clicking the Clear button resets all form fields to their default state after user confirmation.
  - **Navigation**
    - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes.

1.1.2.6 Data Requirements

- **Transaction Type**
  - **Source:** Predefined transaction types available in the system.
  - **Usage:**
    - Populates the multi-selection checkbox dropdown in the vendor category creation form.
  - **Details:**
    - Ensures accuracy and consistency in Vendor category data.

1.1.2.7 Non-Functional Requirements

None.

1.1.2.8 Configurations

None.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.1.2.9 Flowchart

None.

1.1.2.10 Additional Notes

None.

1.1.3 Update Category

1.1.3.1 Purpose

The purpose of the "Update Category" feature in a jewellery system is to modify or enhance existing category information to maintain accurate and up-to-date records. It allows users to update details such as Transection type, category names, category short names, status. This functionality ensures the flexibility to adapt to changing inventory needs, correct errors, and improve data accuracy for better inventory management and reporting.

1.1.3.2 User Type

Admin & Register Users

1.1.3.3 Screen Layout

Same Create Category Layout.

1.1.3.4 UI Elements

Same like Create Category layout

1.1.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process begins when the user clicks the **Edit** button in the Action column of the category table.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Category's existing details (e.g., Category Name, Category Short Name, Transection Type, Status, etc.) into the **Category Creation Form**.
      - Pre-populates all form fields with the current values of the selected category record to enable editing.
  - **Expected Outcome:** The **Category Creation Form** is populated with the selected category's current data, ready for modification.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Modify Category Details**
  - **Description:** Allows users to edit one or more fields of the category record, such as Category Name, Category Short Name, and Transection Type.
  - **Fields Available for Update:**
    - **Category Name:** Update the full name of the category.
    - **Category Short Name:** Change the abbreviated name for the category.
    - **Transection Type:** Change the Transections.
    - **Status:** Change the active status to "Active" or "De-active."
  - **Expected Outcome:** Users can update any editable field(s) as required before saving the changes.
- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets required validation rules before submission.
  - **Validation Criteria:**
    - **Mandatory Fields:** The following fields must not be empty:
      - Category Name
      - Category Short Name
    - **Specific Field Validation:**
      - **Category Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
      - **Category Short Name:** 2 to 5 uppercase letters.
    - **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
      - “Category Name is required”
      - "Category Short Name must be 2-5 uppercase letters."
  - **Expected Outcome:** All required fields are validated, and errors are displayed if any criteria are not met.
- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Category details to the database and refreshes the category table to reflect the changes.
      - Displays a success message confirming the update, such as: "Vendor Category details have been successfully updated."
  - **Expected Outcome:** The updated category record is stored in the database, and the user is notified of the successful update.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the category record.
  - **Functionality:**
    - **Cancel Option:** Users can cancel the update process by either closing the form or clicking the **Previous** button.
  - **Expected Outcome:** The form closes without saving any changes, leaving the original category record intact.
- **Confirmation Message**
  - **Purpose:** Notifies the user that the update operation was successfully completed.
  - **Functionality:**
    - **Display Message:** Upon successful submission, a confirmation message is displayed, such as: "Vendor Category details have been successfully updated."
  - **Expected Outcome:** The confirmation message assures the user that the updated data has been saved successfully.

1.1.3.6 Data Requirements

None.

1.1.3.7 Non-Functional Requirements

None.

1.1.3.8 Configurations

None.

1.1.3.9 Flowchart

None.

1.1.3.10 Additional Notes

None.

1.1.4 Remove Category

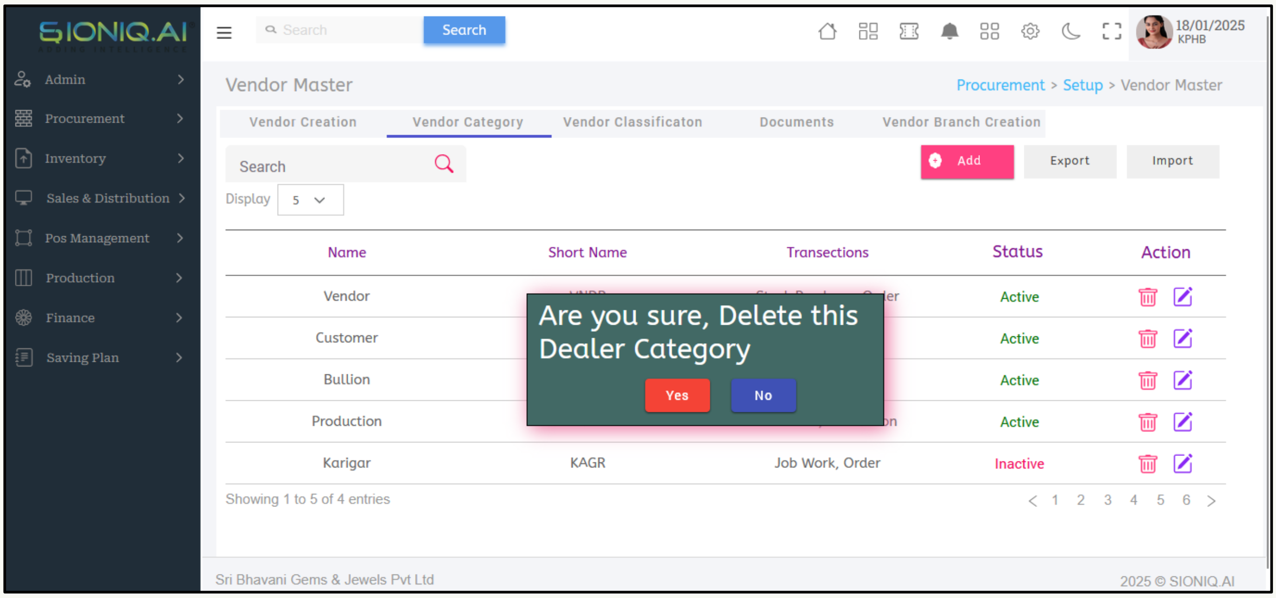
1.1.4.1 Purpose

The purpose of the "Remove Vendor Category" feature in a jewellery system is to allow users to delete obsolete, redundant, or incorrect category records from the database. This functionality ensures that the system remains streamlined, accurate, and free from unnecessary data. It helps improve system performance, maintain organizational clarity, and reduce the risk of errors during inventory management and reporting.

1.1.4.2 User Type

Admin & Register Users

1.1.4.3 Screen Layout



1.1.4.4 UI Elements

None.

1.1.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for category.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.

- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the **Delete** button in the **Action** column of the category table.
  - **Functionality**:
    - **Delete Button Action**:
      - Prompts the user with a delete confirmation message to prevent accidental deletion.
    - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.
- **Delete Confirmation Prompt**
  - **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
  - **Functionality**:
    - **Confirmation Message**:
      - When the **Delete** button is clicked, the system displays a warning message:
        - "Are you sure you want to delete this vendor category?"
    - **Options**:
      - **Yes**: Confirms the deletion and proceeds with removing the vendor category record.
      - **No**: Cancels the delete action without making any changes.
    - **Expected Outcome**: The category record is deleted only when the user confirms by selecting **Yes**.
- **Delete Execution**
  - **Description**: After confirmation, the system marks the vendor category record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected vendor category record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated document, vendor creation, Vendor Classification or transactions).
      - **If dependencies exist**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

        - Displays a message: "Cannot delete vendor category as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:
    - **Display Message**:
      - Upon successful deletion, display a success message such as:
      - " Vendor Category has been successfully deleted."
    - **Expected Outcome**: The user receives confirmation that the record was deleted.

- **Refresh Table View**
  - **Description**: Updates the vendor category table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted category record from the list in the table view.
    - **Pagination Update**:
      - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
  - **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.1.4.6 Data Requirements

None.

1.1.4.7 Non-Functional Requirements

None.

1.1.4.8 Configurations

None

1.1.4.9 Flowchart

None.

1.1.4.10 Additional Notes

None.

1.2 Vendor Classification

The Vendor Classification Creation feature in the Jewelry ERP system allows administrators to define and manage classifications like Premium, Occasional, Regular, New, and Loyal. This ensures structured vendor segmentation, enabling seamless contract management, pricing strategies, loyalty tracking, and real-time transaction monitoring.

1.2.1 Data View

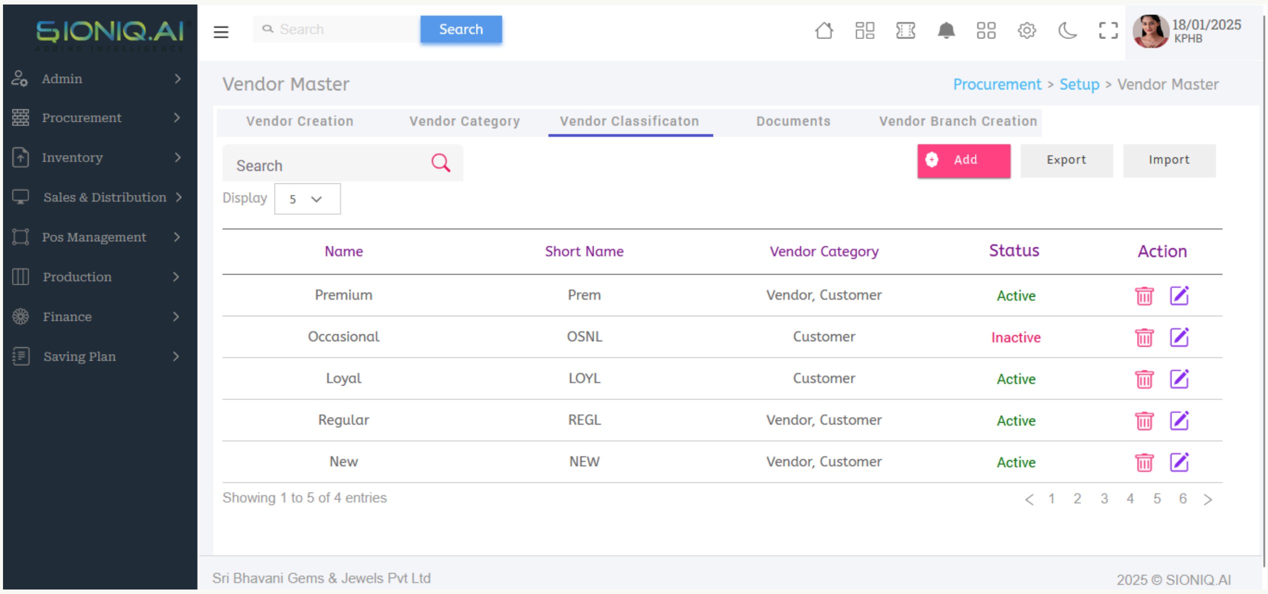
1.2.1.1 Purpose

This section allows users to define and manage different Vendor Classifications within the system, ensuring proper segmentation based on business engagement and frequency. It enables efficient organization, quick retrieval of classified vendor records, and streamlined operations, supporting seamless vendor management and better operational insights.

1.2.1.2 User Type

Registered Users, Admins.

1.2.1.3 Screen Layout



Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.2.1.4 UI Elements

- **Search Option**
  - **Description:** A search bar located at the top of the data view section to filter vendor classifications displayed in the table.
  - **Functionality:**
    - Enabled users to search by Vendor Classification Name, Vendor Classification Short Name, Vendor Category.
    - Dynamically updates the displayed table to show only results that match the search query.
- **Display Dropdown**
  - **Description:** A dropdown control to set the number of rows shown in the table at once
  - **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality:** Allows users to control the number of vendor classification records displayed per page Updates the table view immediately based on the selected number of rows
- **Buttons**
  - **Add Button**
    - **Label**: "New"
    - **Functionality**: Clicking this button opens the Vendor Classification Creation Form, allowing users to add a new vendor classification record. This ensures proper vendor segmentation based on business interactions.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)
    - **Functionality**: Allows users to export the displayed vendor classification data in various file formats (Excel).
    - **Export Options**:
      - Exports all or filtered data based on the current table view and search filter.
  - **Import Button**
    - **Label**: "Import" (or Icon button as specified)
    - **Functionality**: Redirects to the Import Form page, where users can upload vendor classification data
- **Tabular View**
  - **Description**: Displays a structured list of all registered Vendor Classifications, providing users with a clear and organized interface to view, manage, and update vendor classification details efficiently.
  - **Columns**:
    - **Name**: Displays the full name of the vendor classification to ensure easy identification.
    - **Short Name**: Shows a unique identifier code for the vendor classification, allowing for quick reference.
    - **Vendor Category**: Indicates the Vendor category under which the vendor classification is created, ensuring a structured and organized segmentation of vendors.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Status**: Indicates whether the vendor classification is currently Active or Inactive within the system.
  - **Status Values**:
  - **Active**: If the checkbox is checked in the form.
  - **Inactive**: If the checkbox is unchecked in the form.
- **Action**:
  - **Delete:** Deletes the selected vendor classification record (permission-based).
    - Functionality: A confirmation prompt is triggered before deletion to prevent accidental removal.
  - **Edit:** Allows modification of the vendor classification (permission-based)
    - Functionality: Clicking the edit button opens the Vendor Classification Setup Form, pre-filled with the selected classification's information for seamless editing.

- **Paging for Table View**
  - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of vendor classifications records.
  - **Functionality**:
    - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
    - Shows page numbers to allow users to jump directly to specific pages.
    - Updates the displayed vendor classification records based on the selected page.

1.2.1.5 Functional Requirements

None.

1.2.1.6 Data Requirements

- **Source: Vendor Classification Master**
- **Fields Required:**
  - **Name:** Specifies the type of vendor classification based on its business engagement. *(Example: Premium, Occasional, Regular, New, Loyal).*
  - **Short Name:** Represents a short or abbreviated version of the vendor classification name for easier reference. *(Example: PRM, OCC, REG, NEW, LOY).*
  - **Vendor Category:** Defines the applicable vendor category that the vendor classification is associated with. *(Example: Bullion, Job Work, Order, Melting, Testing).*
  - **Status:** Indicates whether the Vendor Classification is Active or Inactive in the system. *(Example: Active, Inactive)*

1.2.1.7 Non-Functional Requirements

None.

1.2.1.8 Configurations

- **Functionality:**
  - **Permission Settings**: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions, applicable only to **Sioniq Users** and **Admins**.
- **Available Permissions:**
  - **Add Vendor Classification Permission**: Grants authorized users access to the "Add" button for creating new vendor classification records.
  - **Edit Permission**: Enables authorized users to access the Edit button in the Action column, allowing modification of existing Vendor Classification records.
  - **Delete Permission**: Provides authorized users access to the Delete button in the Action column, enabling deletion of Vendor Classification records.
- **Permission Assignment:**
  - Permissions are assigned exclusively to **Sioniq Users** and **Admins**, ensuring role-based control over data management and system operations.

1.2.1.9 Flowchart

None.

1.2.1.10 Additional Notes

None.

1.2.2 Vendor Classification

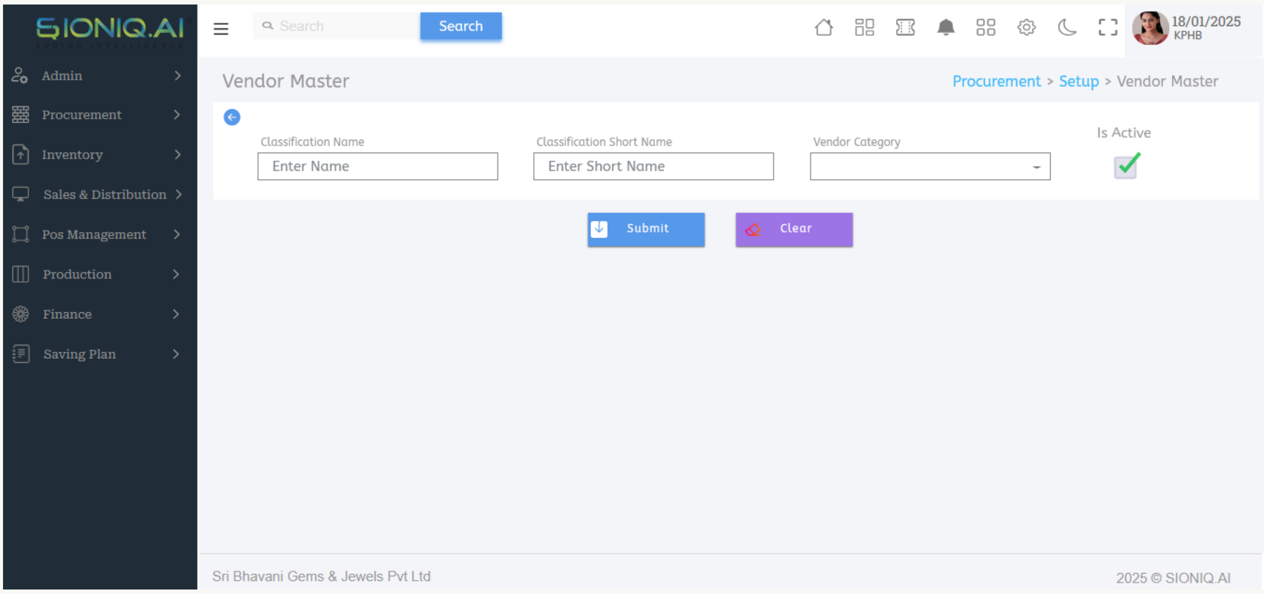
1.2.2.1 Purpose

This section allows users to add a new Vendor Classification to the ERP system. Users can enter key details such as the Classification’s name, short name, applicable transactions, and activation status. This process ensures accurate record-keeping, strategic vendor segmentation, and efficient Vendor management within the system.

1.2.2.2 User Type

Registered Users, Admins.

1.2.2.3 *Screen Layout*



1.2.2.4 *UI Elements*

- **Classification Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Classification Name"
  - **Editable:** Yes
  - **Description:** Allows users to enter the full name of the Vendor Classification.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 50 characters
    - **Allowed Characters:** Letters, spaces, and special characters *(e.g., Premium, Regular, Loyal)*
- **Short Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Classification Short Name"
  - **Editable:** Yes
  - **Description:** Represents the short name of the Vendor Classification.
  - **Validation:**
    - **Required:** No

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Character Limit:** 5 characters.
- **Allowed Characters:** Letters, numbers, spaces, and special characters *(e.g., PRM, REG, LOY).*

- **Vendor Category**
  - **Type:** Drop Down Check Box
  - **Label:** "Vendor Category"
  - **Editable:** Yes
  - **Description:** Allows users to select one or multiple transaction types applicable to the vendor category.
  - **Validation:**
    - **Required:** Yes
    - **Allowed:** Multi check box selection
  - **Options:**
    - **Source**: Vendor Category Master.

- **Is Active**
  - **Type:** Checkbox
  - **Label:** "Is Active"
  - **Editable:** Yes
  - **Default Value:** Checked (True)
  - **Behavior:**
    - **Checked:** The Vendor classification remains active in the system.
    - **Unchecked:** The Vendor classification is inactive but remains in the database.

- **Submit Button**
  - **Type:** Button
  - **Label:** "Submit"
  - **Editable:** No
  - **Description:** Triggers the submission of the vendor classification form data to the database.
  - **Validation:** Ensures all required fields are filled and validated before submission.

- **Clear Button**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Type:** Button
- **Label:** "Clear"
- **Editable:** No
- **Description:** Resets or clears all form fields, allowing the user to start fresh.

1.2.2.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action:** Triggers form submission if all required fields (e.g., Name, Short Name, Vendor Category, etc.) are valid.
    - **Outcome:**
      - **Create Operation:** Saves a new vendor classification record to the database.
      - **Update Operation:** Updates an existing vendor classification record if it is being edited.
  - **Clear Button Click**
    - **Action:** Resets all fields to their default values after confirming with the user.
    - **Outcome:** Form fields are cleared for a new entry.
  - **Previous Button Click**
    - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.
- **Validation**
  - **Field Format Validation**
    - **Vendor Category:** Must be selected from the predefined dropdown options.
- **Error Messages**
  - **Submit Attempt with Missing Values:**
    - **Condition:** If one or more required fields are empty when the Submit button is clicked.
    - **Behavior:** The system displays specific error messages indicating missing values.
    - **Examples:**
      - "Name is required"

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- "Short Name is required"
- "Vendor category is required"

- **Behavior**
  - **Successful Submission**
    - If all fields are valid, the form data is saved in the database, and a success confirmation message is displayed.
  - **Form Reset**
    - Clicking the Clear button resets all form fields to their default state after user confirmation.
  - **Navigation**
    - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes

1.2.2.6 Data Requirements

- **Vendor Category**
  - **Source:** Vendor Category Master.
  - **Usage:**
    - Populates the multi-selection checkbox dropdown in the vendor classification creation form.
  - **Details:**
    - Ensures accuracy and consistency in Vendor classification data.

1.2.2.7 Non-Functional Requirements

None.

1.2.2.8 Configurations

None.

1.2.2.9 Flowchart

None.

1.2.2.10 Additional Notes

None.

1.2.3 Update Classification

1.2.3.1 Purpose

The purpose of the "Update Classification" feature in a jewellery system is to modify or enhance existing classification information to maintain accurate and up-to-date records. It allows users to update details such as vendor category, classification names, classification short names, status. This functionality ensures the flexibility to adapt to changing inventory needs, correct errors, and improve data accuracy for better inventory management and reporting.

1.2.3.2 User Type

Admin & Register Users

1.2.3.3 Screen Layout

Same Create Classification Layout.

1.2.3.4 UI Elements

Same like Create Classification layout

1.2.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process begins when the user clicks the **Edit** button in the Action column of the classification table.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Classification's existing details (e.g., Vendor Category, Classification Name, Classification Short Name, Status, etc.) into the **Classification Creation Form**.
      - Pre-populates all form fields with the current values of the selected classification record to enable editing.
  - **Expected Outcome:** The **Classification Creation Form** is populated with the selected classification's current data, ready for modification.
- **Modify Classification Details**
  - **Description:** Allows users to edit one or more fields of the classification record, such as Vendor Category, Classification Name, and Classification Short Name.
  - **Fields Available for Update:**
    - **Classification Name:** Update the full name of the classification.
    - **Classification Short Name:** Change the abbreviated name for the classification.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Vendor Category:** Change the Vendor Category.
- **Status:** Change the active status to "Active" or "De-active."

- **Expected Outcome:** Users can update any editable field(s) as required before saving the changes.

○ **Form Validation (Update Mode)**

- **Purpose:** Ensures that updated information meets required validation rules before submission.
- **Validation Criteria:**
  - **Mandatory Fields:** The following fields must not be empty:
    - Classification Name
    - Classification Short Name
    - Vendor Category
  - **Specific Field Validation:**
    - **Classification Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
    - **Classification Short Name:** 2 to 5 uppercase letters.
  - **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
    - “Classification Name is required”
    - "Classification Short Name must be 2-5 uppercase letters."
- **Expected Outcome:** All required fields are validated, and errors are displayed if any criteria are not met.

○ **Submit Updated Data**

- **Description:** Saves the modified data to the database upon successful validation.
- **Functionality:**
  - **Submit Button:**
    - Saves the updated Classification details to the database and refreshes the classification table to reflect the changes.
    - Displays a success message confirming the update, such as: "Classification details have been successfully updated."
- **Expected Outcome:** The updated classification record is stored in the database, and the user is notified of the successful update.

○ **Cancel Update**

- **Purpose:** Allows users to discard changes if they choose not to update the classification record.
- **Functionality:**

- **Cancel Option:** Users can cancel the update process by either closing the form or clicking the **Previous** button.

- **Expected Outcome:** The form closes without saving any changes, leaving the original classification record intact.

- **Confirmation Message**
  - **Purpose:** Notifies the user that the update operation was successfully completed.
  - **Functionality:**
    - **Display Message:** Upon successful submission, a confirmation message is displayed, such as: " Classification details have been successfully updated."
  - **Expected Outcome:** The confirmation message assures the user that the updated data has been saved successfully.

1.2.3.6 Data Requirements

None.

1.2.3.7 Non-Functional Requirements

None.

1.2.3.8 Configurations

None.

1.2.3.9 Flowchart

None.

1.2.3.10 Additional Notes

None.

1.2.4 Remove Classification

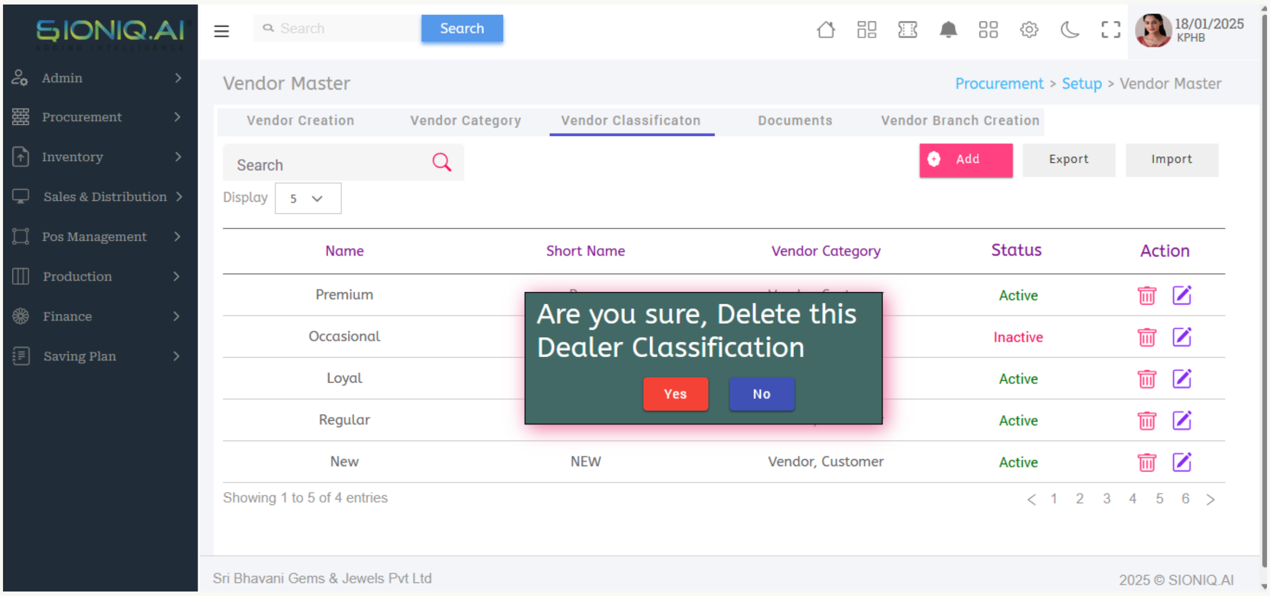
1.2.4.1 Purpose

The purpose of the "Remove Classification" feature in a jewellery system is to allow users to delete obsolete, redundant, or incorrect classification records from the database. This functionality ensures that the system remains streamlined, accurate, and free from unnecessary data. It helps improve system performance, maintain organizational clarity, and reduce the risk of errors during inventory management and reporting.

1.2.4.2 User Type

Admin & Register Users

1.2.4.3 Screen Layout



1.2.4.4 UI Elements

None.

1.2.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for classification.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.
- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the **Delete** button in the **Action** column of the classification table.
  - **Functionality**:
    - **Delete Button Action**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

        - Prompts the user with a delete confirmation message to prevent accidental deletion.
    - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.

- **Delete Confirmation Prompt**
  - **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
  - **Functionality**:
    - **Confirmation Message**:
      - When the **Delete** button is clicked, the system displays a warning message:
        - "Are you sure you want to delete this classification?"
    - **Options**:
      - **Yes**: Confirms the deletion and proceeds with removing the classification record.
      - **No**: Cancels the delete action without making any changes.
    - **Expected Outcome**: The classification record is deleted only when the user confirms by selecting **Yes**.

- **Delete Execution**
  - **Description**: After confirmation, the system marks the classification record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected classification record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated wastage, vendor creation, stone rates or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete classification as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Display Message**:
  - Upon successful deletion, display a success message such as:
  - " Classification has been successfully deleted."
- **Expected Outcome**: The user receives confirmation that the record was deleted.

- **Refresh Table View**
  - **Description**: Updates the classification table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted classification record from the list in the table view.
    - **Pagination Update**:
      - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
  - **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.2.4.6 Data Requirements

None.

1.2.4.7 Non-Functional Requirements

None.

1.2.4.8 Configurations

None

1.2.4.9 Flowchart

None.

1.2.4.10 Additional Notes

None.

1.3 Vendor Document

The Vendor Document Creation feature in the Jewellery ERP system allows administrators to define and manage various vendor-related documents such as Payment Agreements, Purchase Agreements, Order Agreements, and Return Policies. This ensures structured vendor documentation, enabling seamless contract management, compliance tracking, and efficient document retrieval.

.

1.3.1 Data View

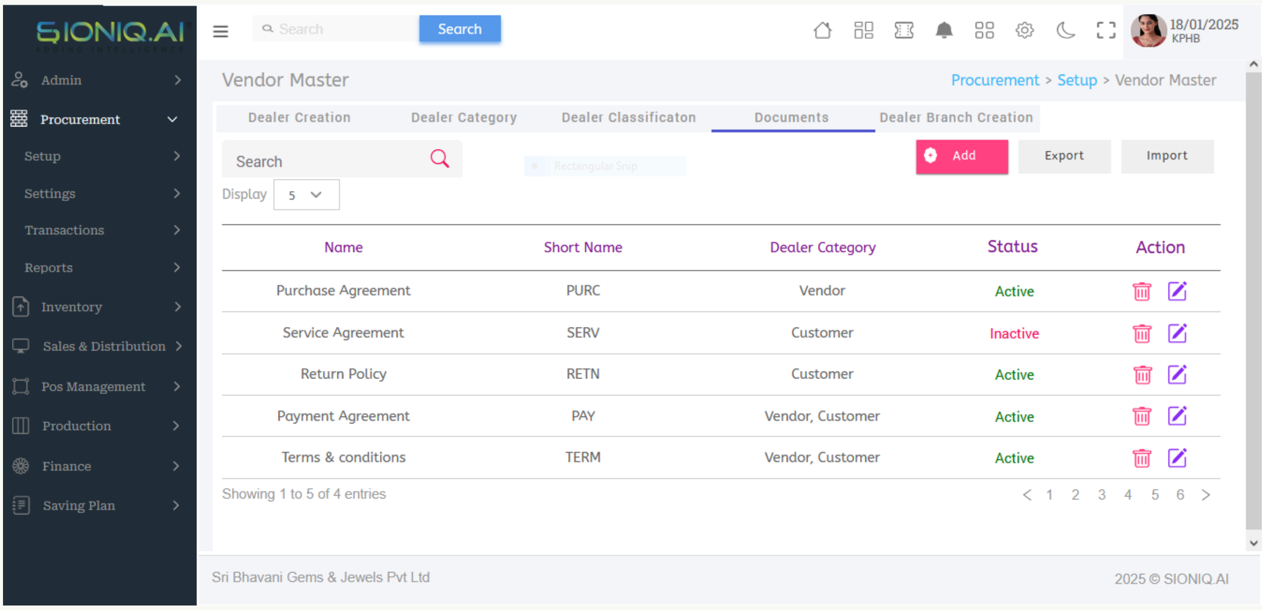
1.3.1.1 Purpose

This section allows users to define and manage different Vendor Documents within the system, ensuring structured categorization based on business agreements and compliance requirements. It facilitates efficient organization, quick retrieval of vendor records, and streamlined operations, supporting seamless vendor management and better operational insights.

1.3.1.2 User Type

Registered Users, Admins.

1.3.1.3 Screen Layout



1.3.1.4 UI Elements

- **Search Option**
  - **Description:** A search bar located at the top of the data view section to filter vendor document Names displayed in the table.
  - **Functionality:**

- Enabled users to search by Vendor Document Name, Vendor Document Short Name, Vendor Category.
- Dynamically updates the displayed table to show only results that match the search query.

- **Display Dropdown**
  - **Description:** A dropdown control to set the number of rows shown in the table at once
  - **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality:** Allows users to control the number of vendor document records displayed per page Updates the table view immediately based on the selected number of rows
- **Buttons**
  - **Add Button**
    - **Label**: "New"
  - **Functionality**: Clicking this button opens the Vendor Document Creation Form, allowing users to add a new vendor documents record.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)
    - **Functionality**: Allows users to export the displayed vendor documents data in various file formats (Excel).
    - **Export Options**:
      - Exports all or filtered data based on the current table view and search filter.
  - **Import Button**
    - **Label**: "Import" (or Icon button as specified)
    - **Functionality**: Redirects to the Import Form page, where users can upload vendor classification data
- **Tabular View**
  - **Description**: Displays a structured list of all registered Vendor Document Types, providing users with a clear and organized interface to view, manage, and update vendor document details efficiently.
  - **Columns**:
    - **Name**: Displays the full name of the vendor document to ensure easy identification.
    - **Short Name**: Shows a unique identifier code for the vendor document, allowing for quick reference.
    - **Vendor Category**: Indicates the Vendor category under which the vendor document is created, ensuring a structured and organized segmentation of vendors.
    - **Status**: Indicates whether the vendor document is currently Active or Inactive within the system.
      - **Status Values**:
      - **Active**: If the checkbox is checked in the form.
      - **Inactive**: If the checkbox is unchecked in the form.
    - **Action**:

- **Delete:** Deletes the selected vendor document record (permission-based).
  - Functionality: A confirmation prompt is triggered before deletion to prevent accidental removal.
- **Edit:** Allows modification of the vendor document (permission-based).
  - Functionality: licking the edit button opens the Vendor Document Form, pre-filled with the selected document's information for seamless editing.

○ **Paging for Table View**

- **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of vendor document records.
- **Functionality**:
  - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
  - Shows page numbers to allow users to jump directly to specific pages.
  - Updates the displayed vendor document records based on the selected page.

1.3.1.5 Functional Requirements

None.

1.3.1.6 Data Requirements

○ **Source:** Vendor Document Master

○ **Fields Required**:

- **Name:** Specifies the type of vendor document based on its business purpose. (Example: Payment Agreement, Purchase Agreement, Order Agreement, Return Policy).
- **Short Name:** Represents a short or abbreviated version of the vendor document name for easier reference. (Example: PA, PUA, OA, RP)
- **Vendor Category:** Defines the applicable vendor category that the vendor document is associated with. (Example: Bullion, Job Work, Order, Melting, Testing).
- **Status:** Indicates whether the Vendor Document is Active or Inactive in the system. (Example: Active, Inactive).

1.3.1.7 Non-Functional Requirements

None.

1.3.1.8 Configurations

○ **Functionality:**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Permission Settings**: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions, applicable only to **Sioniq Users** and **Admins**.

- **Available Permissions:**
  - **Add Vendor Documents Permission**: Grants authorized users access to the "Add" button for creating new vendor document records.
  - **Edit Permission**: Enables authorized users to access the Edit button in the Action column, allowing modification of existing Vendor Document records.
  - **Delete Permission**: Provides authorized users access to the Delete button in the Action column, enabling deletion of Vendor Document records.
- **Permission Assignment:**
  - Permissions are assigned exclusively to **Sioniq Users** and **Admins**, ensuring role-based control over data management and system operations.

1.3.1.9 Flowchart

None.

1.3.1.10 Additional Notes

None.

1.3.2 Documents Creation

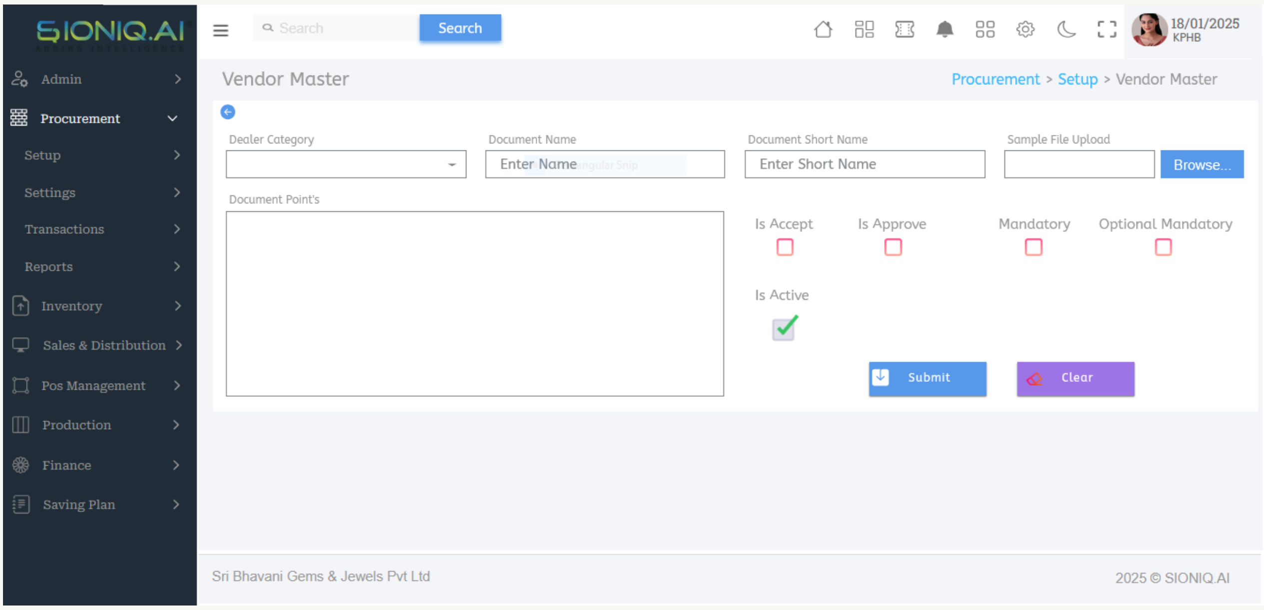
1.3.2.1 Purpose

This section allows users to define and manage vendor documents based on business agreements and compliance needs. It ensures efficient organization, quick retrieval, and streamlined vendor operations. This enhances compliance tracking, reduces administrative effort, and improves operational insights.

1.3.2.2 User Type

Registered Users, Admins.

1.3.2.3 Screen Layout



1.3.2.4 UI Elements

- **Vendor Category**
  - **Type:** Drop Down Check Box
  - **Label:** "Vendor Category"
  - **Editable:** Yes
  - **Description:** Allows users to select one or multiple Vendor categories applicable to document type creation.
  - **Validation:**
    - **Required:** Yes
    - **Allowed:** Multi check box selection
  - **Options:**
    - **Source**: Vendor Category Master

- **Document Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Document Name"
  - **Editable:** Yes
  - **Description:** Allows users to enter the full name of the document type.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Validation:**
  - **Required:** Yes
  - **Character Limit:** 50 characters
  - **Allowed Characters:** Letters, spaces, and special characters *(e.g., Payment Agreement, Service Agreement, Order Agreement, Return Policy)*

- **Document Short Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Document Short Name"
  - **Editable:** Yes
  - **Description:** Represents the short name of the document type.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 10 characters.
    - **Allowed Characters:** Letters, numbers, spaces, and special characters (e.g., PAYAG, SERAG, ORDAG)

- **Sample File Upload**
  - **Type:** File Uploader
  - **Label:** "Sample File Upload"
  - **Editable:** Yes
  - **Description:** Enables users to browse and select a document file for upload into the system.
  - **Validation:**
    - **Required:** No
    - **Conditional Validation:** If the "Upload File" option is selected, the uploaded file must meet the required format and size limit:
      - **Allowed Formats:** JPEG, PNG, PDF, Word Document, Excell File.

- **Document Points**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Document Points"
  - **Editable:** Yes
  - **Description:** Allows users to write created document points entry.

- **Validation:**
    - **Required:** No
    - **Character Limit:** No Limit
    - **Allowed Characters:** Letters, numbers, spaces, and special characters *(e.g., PRM, REG, LOY).*

- **Is Accept**
    - **Type:** Checkbox
    - **Label:** "Is Accept"
    - **Editable:** Yes
    - **Default Value:** Unchecked (False)
    - **Behavior:**
        - **Checked:** Allows acceptance via notification and email and WhatsApp.
        - **Unchecked:** No acceptance notifications will be sent.

- **Is Approve**
    - **Type:** Checkbox
    - **Label:** "Is Approve"
    - **Editable:** Yes
    - **Default Value:** Unchecked (False)
    - **Behavior:**
        - **Checked:** Allows authorized users to update documents and receive notifications.
        - **Unchecked:** Documents will not be available for updates and notifications.

- **Mandatory**
    - **Type:** Checkbox
    - **Label:** "Mandatory"
    - **Editable:** Yes
    - **Default Value:** Unchecked (False)
    - **Behavior:**
        - **Checked:** Users must upload document details.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Unchecked:** Uploading document details is optional.

- **Optional Mandatory**
  - **Type:** Checkbox
  - **Label:** "Optional Mandatory"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behavior:**
    - **Checked:** If multiple document types exist, at least one document type must be uploaded.
    - **Unchecked:** No restriction on document uploads.

- **Is Active**
  - **Type:** Checkbox
  - **Label:** "Is Active"
  - **Editable:** Yes
  - **Default Value:** Checked (True)
  - **Behavior:**
    - **Checked:** The vendor document remains active in the system.
    - **Unchecked:** The vendor document is inactive but remains in the database.

- **Submit Button**
  - **Type:** Button
  - **Label:** "Submit"
  - **Editable:** No
  - **Description:** Triggers the submission of the vendor document form data to the database.
  - **Validation:** Ensures all required fields are filled and validated before submission.

- **Clear Button**
  - **Type:** Button
  - **Label:** "Clear"
  - **Editable:** No
  - **Description:** Resets or clears all form fields, allowing the user to start fresh.

1.3.2.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action:** Triggers form submission if all required fields (e.g., Document Name, Document Short Name, Vendor Category, etc.) are valid.
    - **Outcome:**
      - **Create Operation:** Saves a new vendor document type record to the database.
      - **Update Operation:** Updates an existing vendor document type record if it is being edited.
  - **Clear Button Click**
    - **Action:** Resets all fields to their default values after confirming with the user.
    - **Outcome:** All Form fields are cleared for a new entry.
  - **Previous Button Click**
    - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.
- **Validation**
  - **Field Format Validation**
    - **Vendor Category:** Must be selected from the predefined dropdown options.
- **Error Messages**
  - **Submit Attempt with Missing Values:**
    - **Condition:** If one or more required fields are empty when the Submit button is clicked.
    - **Behavior:** The system displays specific error messages indicating missing values.
    - **Examples:**
      - "Document name is required"
      - “Document short name is required”
      - “Vendor category is required”

- **Behavior**
  - **Successful Submission**
    - If all fields are valid, the form data is saved in the database, and a success confirmation message is displayed.
  - **Form Reset**
    - Clicking the Clear button resets all form fields to their default state after user confirmation.
  - **Navigation**
    - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes

1.3.2.6 Data Requirements

- **Vendor Category**
  - **Source:** Vendor Category Master.
  - **Usage:**
    - Populates the multi-selection checkbox dropdown in the vendor document creation form.
  - **Details:**
    - Ensures accuracy and consistency in Vendor documents data.

1.3.2.7 Non-Functional Requirements

None.

1.3.2.8 Configurations

None.

1.3.2.9 Flowchart

None.

1.3.2.10 Additional Notes

None.

1.3.3 Update Documents

1.3.3.1 Purpose

The **Edit Vendor Document** section enables users to modify and update vendor documents based on changing business agreements and compliance requirements. It ensures accurate record-keeping, quick

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

access to updated documents, and seamless vendor management. This functionality helps maintain compliance, reduces administrative overhead, and enhances operational efficiency by keeping vendor documentation up to date.

1.3.3.2 User Type

Admin & Register Users

1.3.3.3 Screen Layout

Same Create Documents Layout.

1.3.3.4 UI Elements

Same like Create Documents layout

1.3.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process begins when the user clicks the **Edit** button in the Action column of the vendor document table.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected vendor document's existing details (e.g., Vendor Category, Document Name, Document Short Name, Status, etc.) into the **Document Creation Form**.
      - Pre-populates all form fields with the current values of the selected document record to enable editing.
  - **Expected Outcome:** The **Document Creation Form** is populated with the selected document's current data, ready for modification.
- **Modify Document Details**
  - **Description:** Allows users to edit one or more fields of the document record, such as Vendor Category, Name, and Short Name.
  - **Fields Available for Update:**
    - **Document Name:** Update the full name of the document.
    - **Document Short Name:** Change the abbreviated name for the document.
    - **Vendor Category:** Change the Vendor Category.
    - **Mandatory:** Change the Mandatory Status to “Yes” or “No”.
    - **Optional Mandatory:** Change the Optional Mandatory Status to “Yes” or “No”.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

    - **Is Accept:** Change the Is Accept Status to "Yes" or "No".
    - **Is Approve:** Change the Is Approve Status to "Yes" or "No".
    - **Status:** Change the active status to "Active" or "De-active."
  - **Expected Outcome:** Users can update any editable field(s) as required before saving the changes.

- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets required validation rules before submission.
  - **Validation Criteria:**
    - **Mandatory Fields:** The following fields must not be empty:
      - Document Name
      - Document Short Name
      - Vendor Category
    - **Specific Field Validation:**
      - **Document Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
      - **Document Short Name:** 2 to 5 uppercase letters.
    - **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
      - "Document Name is required"
      - " Document Short Name must be 2-5 uppercase letters."
  - **Expected Outcome:** All required fields are validated, and errors are displayed if any criteria are not met.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Document details to the database and refreshes the document table to reflect the changes.
      - Displays a success message confirming the update, such as: " Document details have been successfully updated."
  - **Expected Outcome:** The updated document record is stored in the database, and the user is notified of the successful update.

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the document record.
  - **Functionality:**

  - **Cancel Option:** Users can cancel the update process by either closing the form or clicking the **Previous** button.
- **Expected Outcome:** The form closes without saving any changes, leaving the original document record intact.

- **Confirmation Message**
  - **Purpose:** Notifies the user that the update operation was successfully completed.
  - **Functionality:**
    - **Display Message:** Upon successful submission, a confirmation message is displayed, such as: " Document details have been successfully updated."
  - **Expected Outcome:** The confirmation message assures the user that the updated data has been saved successfully.

1.3.3.6 Data Requirements

None.

1.3.3.7 Non-Functional Requirements

None.

1.3.3.8 Configurations

None.

1.3.3.9 Flowchart

None.

1.3.3.10 Additional Notes

None.

1.3.4 Remove Document

1.3.4.1 Purpose

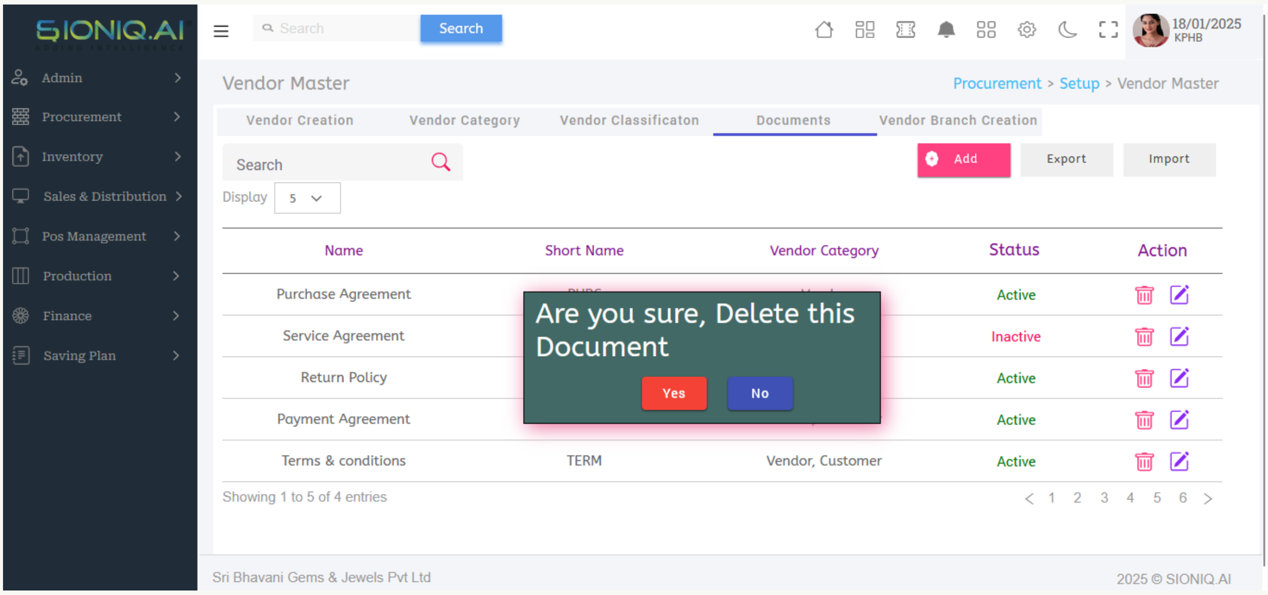
The **Delete Vendor Document** section allows users to remove vendor documents that are no longer relevant or required. This functionality helps maintain a clutter-free system, ensuring that only up-to-date and necessary documents are retained. It enhances data accuracy, improves compliance management, and streamlines vendor record-keeping by eliminating outdated or redundant documents.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.3.4.2 User Type

Admin & Register Users

1.3.4.3 Screen Layout



1.3.4.4 UI Elements

None.

1.3.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for document.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.
- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the **Delete** button in the **Action** column of the document table.
  - **Functionality**:
    - **Delete Button Action**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Prompts the user with a delete confirmation message to prevent accidental deletion.
- **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.

- **Delete Confirmation Prompt**
  - **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
  - **Functionality**:
    - **Confirmation Message**:
      - When the **Delete** button is clicked, the system displays a warning message:
        - "Are you sure you want to delete this document?"
    - **Options**:
      - **Yes**: Confirms the deletion and proceeds with removing the document record.
      - **No**: Cancels the delete action without making any changes.
    - **Expected Outcome**: The document record is deleted only when the user confirms by selecting **Yes**.

- **Delete Execution**
  - **Description**: After confirmation, the system marks the document record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected document record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated vendor creation, worker creation or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete document as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Display Message**:
  - Upon successful deletion, display a success message such as:
  - " Document has been successfully deleted."
- **Expected Outcome**: The user receives confirmation that the record was deleted.

- **Refresh Table View**
  - **Description**: Updates the document table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted document record from the list in the table view.
    - **Pagination Update**:
      - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
  - **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.3.4.6 Data Requirements

None.

1.3.4.7 Non-Functional Requirements

None.

1.3.4.8 Configurations

None

1.3.4.9 Flowchart

None.

1.3.4.10 Additional Notes

None.

1.4 Vendor Creation

The Vendor creation in the Jewellery ERP system enables administrators to register new Vendors with essential details like contact information, pricing structures, and credit limits. It includes fields for contract terms, tax details, and approval workflows to ensure compliance. Integration with sales and inventory allows seamless transactions and real-time stock access.

1.4.1 Data View

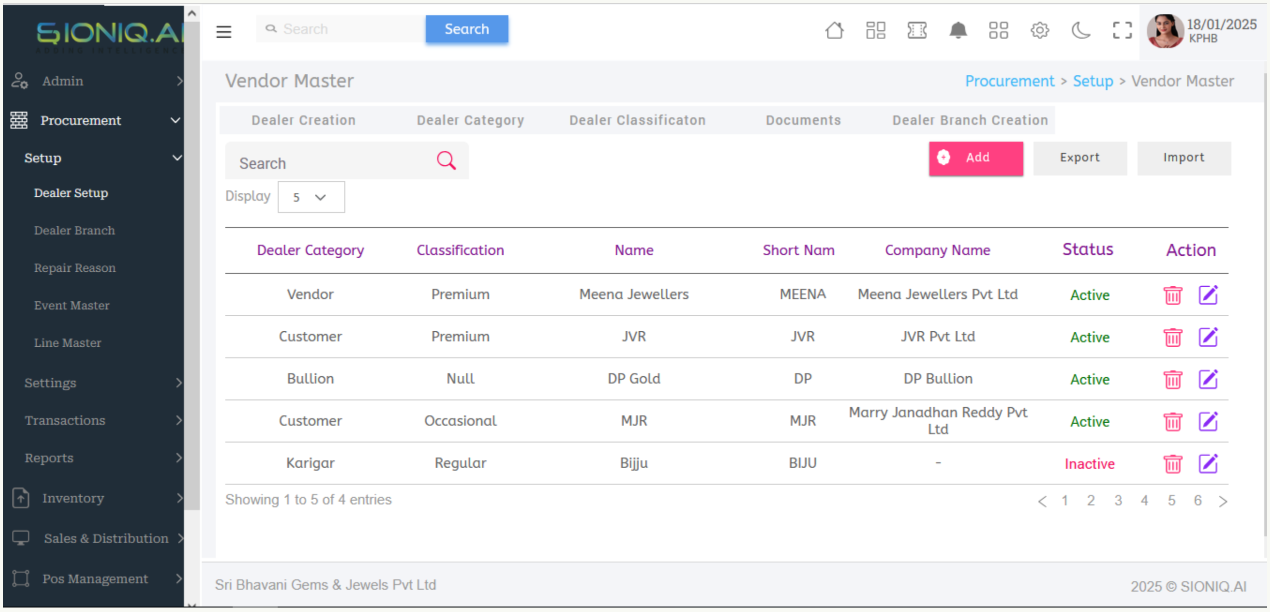
1.4.1.1 Purpose

This section provides a comprehensive overview of all Vendor details registered in the system. Users can easily access detailed information, enabling efficient navigation and informed decision-making. The layout ensures quick retrieval of existing records, supporting seamless management and operational insights.

1.4.1.2 User Type

Registered Users, Admins.

1.4.1.3 Screen Layout



1.4.1.4 UI Elements

- **Search Option**
  - **Description:** A search bar located at the top of the data view section to filter vendors displayed in the table.
  - **Functionality:**

- Enabled users to search by Vendor Name, Vendor Short Name, Vendor Category, Vendor Classification, Company Name.
- Dynamically updates the displayed table to show only results that match the search query.

- **Display Dropdown**
  - **Description:** A dropdown control to set the number of rows shown in the table at once
  - **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality:**
    - Allows users to control the number of vendor records displayed per page
    - Updates the table view immediately based on the selected number of rows
- **Buttons**
  - **Add Button**
    - **Label**: "New"
    - **Functionality**: Opens the Vendor Creation Form to add a new Vendor record.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)
    - **Functionality**: Allows users to export the displayed vendors data in various file formats (Excel).
    - **Export Options**:
      - Exports all or filtered data based on the current table view and search filter.
  - **Import Button**
    - **Label**: "Import" (or Icon button as specified)
    - **Functionality**: Redirects to the Import Form page, where users can upload vendors data

- **Tabular View**
  - **Description**: Displays a structured list of all registered Vendors, allowing users to view, manage, and update Vendor details efficiently.
  - **Columns**:
    - **Vendor Category**: Displays the assigned category for each Vendor.
    - **Classification**: Shows the Vendor's classification based on business type or other criteria.
    - **Name**: Displays the Vendor’s full name.
    - **Short Name**: Shows the Vendor’s unique identifier code.
    - **Company Name**: Displays the corporate entity associated with the Vendor.
    - **Status**: Indicates whether the Vendor is active or inactive.
      - **Status Values**:
      - **Active**: If the checkbox is checked in the form.
      - **Inactive**: If the checkbox is unchecked in the form.
    - **Action**:
      - Delete: Deletes the selected Vendor record (permission-based).

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

        - Functionality: Triggers a delete confirmation prompt before proceeding.
    - Edit: Allows modification of the vendor's information (permission-based).
        - Functionality: Opens the Vendor Creation Form pre-filled with the selected Vendor's information for editing.

- **Paging for Table View**
    - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of vendor's records.
    - **Functionality**:
        - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
        - Shows page numbers to allow users to jump directly to specific pages.
        - Updates the displayed vendor's records based on the selected page

1.4.1.5 Functional Requirements

None.

1.4.1.6 Data Requirements

- **Source**: Vendor Master
- **Fields Required**:
    - **Vendor Code**: A unique system-generated or manually assigned identifier for the Vendor to differentiate it from others. (Example: PRT001, PRT002)
    - **Vendor Name:** The full official name of the Vendor (Example: ABC Jewelers, Shree Gold Traders)
    - **Vendor Short Name:** A short or abbreviated version of the Vendor's name for quick reference. (Example: ABCJ, SGT)
    - **Vendor Category:** Defines the type of Vendor based on business operations. (Example: Vendor, Customer, Bullion, Karighar, Hallmark, Melting, Lab, Logistics)
    - **Vendor Classification Type:** Categorizes the Vendor based on their business engagement and loyalty. (Example: Premium, Loyal, New, Occasional, Regular)
    - **Credit Days:** The number of days allowed for the Vendor to make payments after a transaction. (Example: 15 Days, 30 Days, 45 Days)
    - **Line:** Specifies the marketing team's visit locations for wholesale jewelry business management. (Example: Hyderabad, Bangalore, Chennai, Kolkata)
    - **Sioniq OMS ID:** A unique identifier used to integrate with the Sioniq Order Management System (OMS) for tracking and processing orders. (Example: SQ12345, SQ9876)

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Margin Percentage:** The profit percentage added to the cost price before selling. (Example: 10%, 15%, 25%)
- **Branch Name:** The name of the business branch associated with the Vendor. (Example: Mumbai Main Branch, Delhi North Branch)
- **Address:** The complete address of the Vendor's business location. (Example: 123 Gold Street, Zaveri Bazaar, Mumbai – 400002)
- **Zip Code:** The postal code of the Vendor's location. (Example: 400002, 110001)
- **Area:** The locality or specific region where the Vendor operates. (Example: Zaveri Bazaar, Karol Bagh, Chick pet)
- **City:** The city in which the Vendor is located. (Example: Mumbai, Delhi, Bangalore)
- **District:** The administrative district of the Vendor's business location. (Example: Mumbai Suburban, Central Delhi, Bangalore Urban)
- **State:** The state where the Vendor is registered. (Example: Maharashtra, Karnataka, Tamil Nadu)
- **Country:** The country where the Vendor is based. (Example: India, UAE, USA)
- **Mail ID:** The official email address used for communication. (Example: info@abcjewellers.com, sales@xyzbullion.com)
- **Contact Person:** The name of the individual responsible for communication and business transactions. (Example: Rajesh Mehta, Anil Sharma)
- **Contact Number:** The phone number of the contact person or Vendor. (Example: +91-9876543210, +91-9988776655)
- **Company Register Name:** The legally registered name of the company under which it operates. (Example: ABC Gold Pvt. Ltd., XYZ Jewelers LLP)
- **Corporate ID:** A unique identification number assigned to the company for legal and corporate documentation. (Example: CIN123456789, LLPIN987654321)
- **Company Type:** Categorizes the company based on its business scale. (Example: Micro, Medium, Small)
- **Taxation Name:** Specifies the type of tax applicable to the Vendor. (Example: GST, TCS, TDS)
- **Taxation Number:** The unique identification number assigned for tax registration. (Example: GSTIN29AABCU9603R1ZV, TCS123456, TDS789012)
- Bank Name: The name of the bank where the Vendor holds an account. (Example: HDFC Bank, ICICI Bank, State Bank of India)

- **Bank Account Number:** The Vendor's bank account number used for transactions. (Example: 123456789012, 987654321098)
- **Bank IFSC Code:** The unique IFSC code of the bank branch for electronic transactions. (Example: HDFC0001234, SBIN0005678)
- **Document Type:** Specifies the type of documents required for verification and compliance. (Example: Purchase Agreement, Payment Agreement, Service Agreement, Return Policy)
- **Status:** Indicates whether the Vendor is Active or Inactive in the system. (Example: Active, Inactive)

1.4.1.7 Non-Functional Requirements

None.

1.4.1.8 Configurations

- **Functionality:**
  - **Permission Settings**: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions, applicable only to **Sioniq Users** and **Admins**.
- **Available Permissions:**
  - **Add Vendor Permission**: Grants authorized users access to the "Add" button for creating new Vendor records.
  - **Edit Permission**: Enables authorized users to access the **Edit** button in the **Action** column, allowing modification of existing Vendor records.
  - **Delete Permission**: Provides authorized users access to the **Delete** button in the **Action** column, enabling deletion of Vendor records.
- **Permission Assignment:**
  - Permissions are assigned exclusively to **Sioniq Users** and **Admins**, ensuring role-based control over data management and system operations.

1.4.1.9 Flowchart

None.

1.4.1.10 Additional Notes

None.

1.4.2 Vendor Basic Information

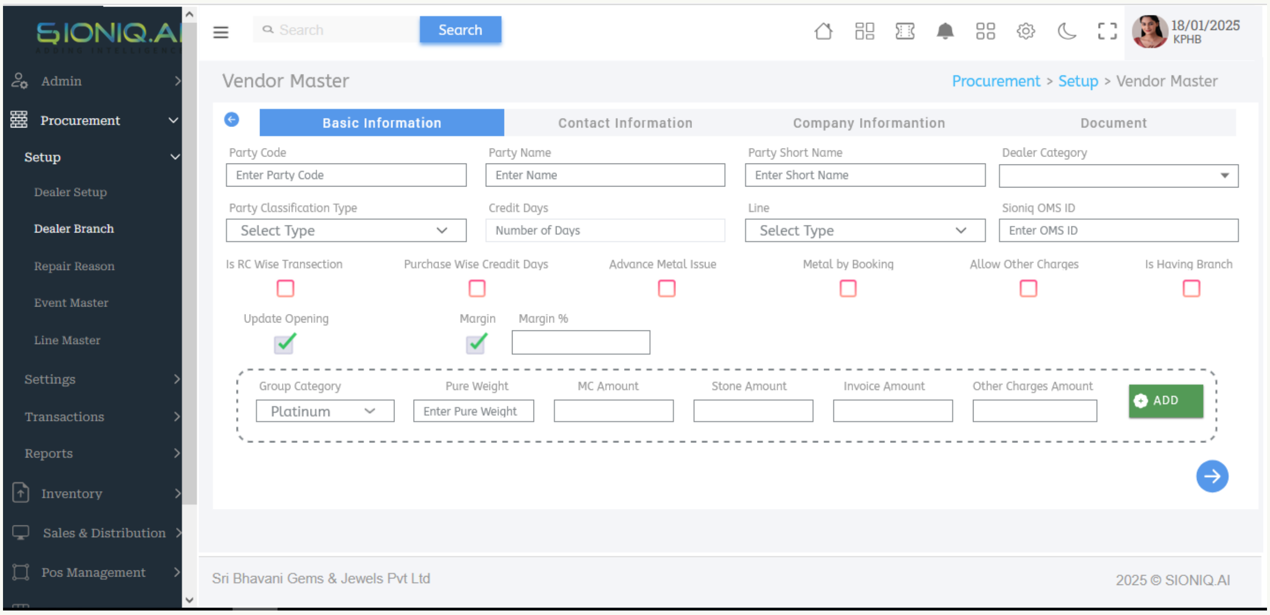
1.4.2.1 Purpose

This section allows users to define and manage Vendor Categories in the ERP system. Users can create categories such as Bullion, Vendor, Customer, Lab, Melting, and Hallmark, ensuring proper classification of vendors based on their business role. Categorizing vendors enhances data organization, reporting accuracy, and transaction efficiency, allowing for streamlined vendor management within the system.

1.4.2.2 User Type

Registered Users, Admins.

1.4.2.3 Screen Layout



1.4.2.4 UI Elements

- **Vendor Code**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Vendor Code"
  - **Editable:** Yes
  - **Description:** Allows users to enter the short code of the Vendor. This input will be used to identify the Vendor in the system.
  - **Validation:**
    - **Required:** No

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Character Limit:** 10 characters
- **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., SRJ-02, KPJ-04).

- **Vendor Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Vendor Name"
  - **Editable:** Yes
  - **Description:** Allows users to enter the full name of the Vendor. This input will be used to identify the Vendor in the system.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 50 characters
    - **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., A1-Jewel, Sri Jewelers).
- **Vendor Short Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Vendor Short Name"
  - **Editable:** Yes
  - **Description:** Represents the short name of the Vendor.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 10 characters.
    - **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., SRJ-02, KPJ-04).
- **Vendor Category**
  - **Type:** Drop Down Check Box
  - **Label:** "Vendor Category"
  - **Editable:** Yes
  - **Description:** Defines the business type under which the Vendor is categorized.

- **Validation:**
  - **Required:** Yes
  - **Allowed:** Multi check box selection
- **Options:**
  - **Source**: Vendor Category Master

- **Vendor Classification Type**
  - **Type:** Drop Down
  - **Label:** "Vendor Classification Type"
  - **Editable:** Yes
  - **Description:** Categorizes the Vendor based on their business engagement.
  - **Validation:**
    - **Required:** No
- **Credit Days**
  - **Type:** Text Input
  - **Label:** "Credit Days"
  - **Editable:** Yes
  - **Description:** Specifies the number of days allowed for the Vendor to make payments.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 5 characters.
    - **Allowed Characters:** Numeric Only (e.g., 15, 30, 45).
- **Sioniq OMS ID**
  - **Type**: Text Input
  - **Label**: "Sioniq OMS ID"
  - **Editable**: Yes
  - **Description**: A unique identifier used to integrate with the Sioniq Order Management System.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 characters.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Allowed Characters:** Letters, Numeric (e.g., SQ0102, SQ0255).

- **Is RC Wise Transaction**
  - **Type**: Checkbox
  - **Label**: “RC Wise Transaction”
  - **Editable**: Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "RC Wise Transaction" checkbox is selected, enables Vendor payments to be processed and tracked on an RC-wise basis.
    - **Unchecked:** Vendor payments are processed and tracked without considering RC-wise categorization.

- **Purchase Wise Credit Days**
  - **Type**: Checkbox
  - **Label**: “Purchase Wise Credit Days”
  - **Editable**: Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Purchase Wise Credit Days" checkbox is selected, applies credit terms based on specified payment periods during purchase entry time.
    - **Unchecked:** The system will use the default credit days as defined in the master settings.

- **Advance Metal Issue**
  - **Type**: Checkbox
  - **Label**: “Advance Metal Issue”
  - **Editable**: Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Advance Metal Issue" checkbox is selected, Allows advance metal issuance when transactions are managed RC-wise.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Unchecked:** Advance metal issuance is not permitted, and metal transactions follow standard procedures.

- **Bullion By Booking**
  - **Type:** Checkbox
  - **Label:** "Bullion By Booking"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Bullion by Booking" checkbox is selected, ensures bullion metal purchases are processed through the booking system.
    - **Unchecked:** Bullion metal purchases can be processed without requiring a booking system.
  - **Validation:**
    - **Required:** No
    - **Allowed:** Only applicable to bullion category parties.

- **Allow Other Charges**
  - **Type:** Checkbox
  - **Label:** "Allow Other Charges"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Allow Other Charges" checkbox is selected, the system permits the entry of other charges in the purchase process.
    - **Unchecked:** The system does not allow the entry of other charges in the purchase process.

- **Is Having Branch**
  - **Type:** Checkbox
  - **Label:** "Is Having Branch"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Checked:** When the "Is Having Branch" checkbox is selected, Allows branch creation under the Vendor.
- **Unchecked:** The system does not allow branch creation under the Vendor.

- **Update Opening**
  - **Type:** Checkbox
  - **Label:** "Update Opening"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Update Opening" checkbox is selected, Enables updating of Vendor opening balances.
    - **Unchecked:** The system does not allow updating of Vendor opening balances and follows the standard procedure.
- **Group Category**
  - **Type:** Drop Down
  - **Label:** "Group Category"
  - **Source:** Group Category Master
  - **Editable:** Yes
  - **Description:** Specifies the metal category balance of the Vendor (Gold, Silver, Platinum). The selected category determines the applicable opening balance details.
  - **Validation:**
    - **Required:** Yes
- **Pure Weight**
  - **Type:** Text Input
  - **Label:** "Pure Weight"
  - **Editable:** Yes
  - **Description:** Represents the opening balance of pure metal weight for the selected group category.
  - **Validation:**
    - **Required:** Yes

- **Character Limit:** 15 characters.
- **Allowed Characters:** Numeric, Special characters (e.g., 300.500).

- **MC Amount**
  - **Type:** Text Input
  - **Label:** "MC Amount"
  - **Editable:** Yes
  - **Description:** Represents the opening balance of MC Amount for the selected group category.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters.
    - **Allowed Characters:** Numeric, Special characters (e.g., 300.500).
- **Stone Amount**
  - **Type:** Text Input
  - **Label:** "Stone Amount"
  - **Editable:** Yes
  - **Description:** Represents the opening balance of Stone Amount for the selected group category.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters.
    - **Allowed Characters:** Numeric, Special characters (e.g., 300.500).
- **Invoice Amount**
  - **Type:** Text Input
  - **Label:** "Invoice Amount"
  - **Editable:** Yes
  - **Description:** Represents the opening balance of Invoice Amount for the selected group category.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Allowed Characters:** Numeric, Special characters (e.g., 300.500).

- **Other Charges Amount**
  - **Type:** Text Input
  - **Label:** "Other Charges Amount"
  - **Editable:** Yes
  - **Description:** Represents the opening balance of Other Charges Amount for the selected group category.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters.
    - **Allowed Characters:** Numeric, Special characters (e.g., 300.500).

- **Margin**
  - **Type:** Checkbox
  - **Label:** "Margin"
  - **Editable:** Yes
  - **Default Value:** Unchecked (False)
  - **Behaviour:**
    - **Checked:** When the "Margin" checkbox is selected, enables margin percentage entry, applied during sales transactions.
    - **Unchecked:** The system restricts margin percentage entry, and no margin will be applied during sales transactions.

- **Margin Percentage**
  - **Type:** Text Input
  - **Label:** "Margin %"
  - **Editable:** Yes
  - **Description:** is the profit percentage added to the cost price to determine the selling price in sales transactions.
  - **Validation:**
    - **Required:** Yes

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

    - **Character Limit:** 3 characters.
    - **Allowed Characters:** Numeric (e.g., 102,25).

- **Is Active**
  - **Type:** Checkbox
  - **Label:** "Is Active"
  - **Editable:** Yes
  - **Default Value:** Checked (True)
  - **Behavior:**
    - **Checked:** The Vendor remains active in the system.
    - **Unchecked:** The Vendor is inactive but remains in the database.
- **Next Button**
  - **Type:** Button
  - **Label:** "Next"
  - **Editable:** No
  - **Description:** Proceeds to the next step: Vendor contact information.
  - **Validation:** Ensures all mandatory fields are completed and validated before proceeding.
- **Previous Button**
  - **Type:** Button
  - **Label:** "Previous"
  - **Editable:** No
  - **Description:** Closes the Vendor creation Form and returns the user to the Vendor setup table view, discarding unsaved changes.

1.4.2.5 Functional Requirements

- **Actions**
  - **Next Button Click**
    - **Action:** Proceeds to the next step if all required fields (Vendor Name, Vendor Category) are valid.

- **Outcome:**
  - **Create Operation:** If it's a new entry, saves the Vendor information to the database.
  - **Update Operation:** If editing an existing entry, updates the Vendor information.

- **Previous Button Click**
  - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.
- **Add Button Click**
  - **Action:** Triggers form add if all required fields (e.g., Group Category, Pure Weight, MC Amount, Stone Amount, Invoice Amount, Other Charges Amount) are valid.
  - **Outcome:**
    - **Create Operation:** Adds the updated opening balance to the newly created Vendor under the selected group category.
    - **Update Operation:** If editing an existing entry, the system updates the Vendor's opening balance accordingly.

- **Validation**
  - **Mandatory Fields**
    - **Fields:** Vendor Name, Vendor Category
    - **Behavior:**
      - Users must provide valid inputs for all mandatory fields.
      - If any mandatory field is left empty, form submission is blocked, and an error message is displayed (see **Error Messages**).
  - **Field Format Validation**
    - **Vendor Category, Vendor Classification Type, Line:** Valid values from predefined dropdown options.

- **Error Messages**
  - **Next Attempt with Missing Values:**
    - **Condition:** If required fields are empty when clicking the **Next** button.
    - **Behavior:** The system displays specific error messages indicating missing values.

- **Examples:**
  - "Vendor Name is required."
  - "Vendor Category is required."

- **Behavior**
  - **Navigation**
  - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes.
  - Clicking the **Next** button navigates proceeds to the next step Vendor contact information

1.4.2.6 Data Requirements

- **Vendor Category**
  - **Source:** Vendor Category Master table
  - **Usage:**
    - Populate the multi selection check box dropdown in the Vendor creation form.
  - **Details:**
    - Ensures accuracy and consistency in Vendor data.
- **Vendor Classification Type**
  - **Source:** Vendor Classification Type Master table
  - **Usage:**
    - Populate the Vendor Classification Type dropdown based on the selected Vendor Category.
    - Validate the Vendor Classification Type associated with the Vendor information.
  - **Details:**
    - Provides a list of Vendor classification types linked to the Vendor category for the Vendor creation
- **Line**
  - **Source:** Line Master Table
  - **Usage:**
    - Populate the Line dropdown based on the selected Vendor Category.
    - Validates the selected Line during Vendor Creation.
  - **Details:**

- Ensures accurate Vendor data by providing a structured list of Lines linked to the Vendor Category.

1.4.2.7 Non-Functional Requirements

None.

1.4.2.8 Configurations

None.

1.4.2.9 Flowchart

None.

1.4.2.10 Additional Notes

None.

1.4.3 Contact Information

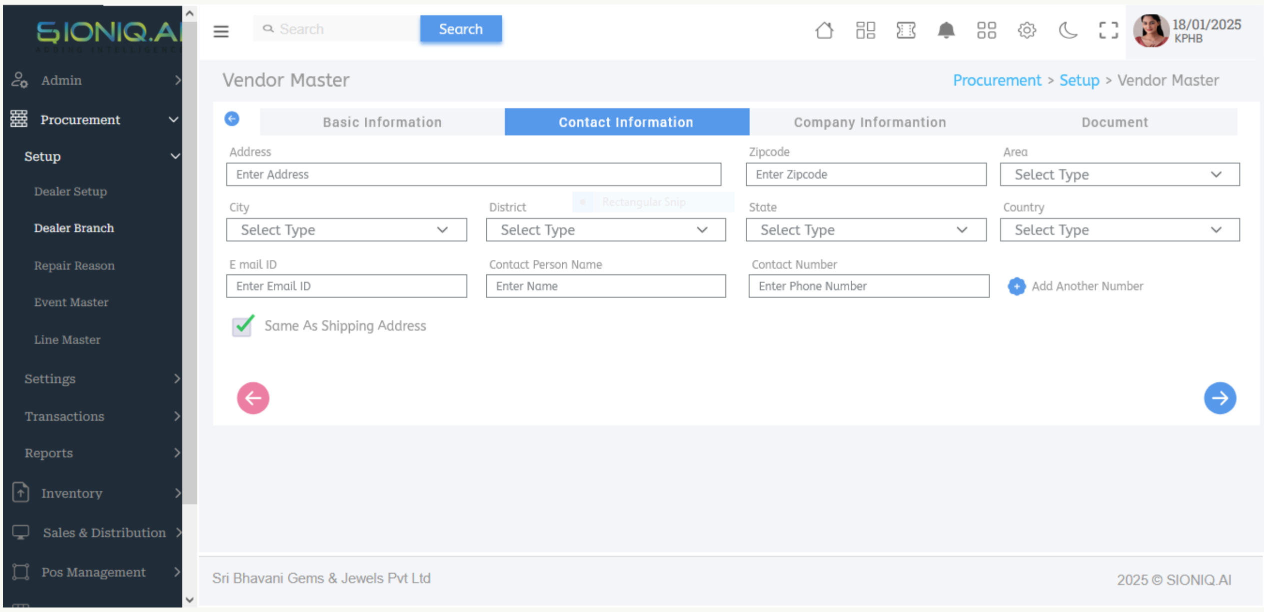
1.4.3.1 Purpose

This section allows users to add and manage contact information for Vendors within the ERP system. Users can enter key details such as phone numbers, email addresses, and other relevant communication details. This process ensures accurate record-keeping, effective communication, and seamless interaction with Vendors, enhancing overall business efficiency.

1.4.3.2 User Type

Registered Users, Admins.

1.4.3.3 Screen Layout



1.4.3.4 UI Elements

- **Address**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Address"
  - **Editable:** Yes
  - **Description:** Captures the Vendor's complete address, including street, building, and locality, for accurate location identification and official records.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 500 Characters
    - **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., Street #2 Road No.5, Hyd-500072).
- **Zip Code**
  - **Type:** Searchable Dropdown
  - **Label:** "Zip Code"
  - **Editable:** Yes
  - **Description:** A searchable dropdown field that allows users to find a Zip Code by typing or scrolling.
  - **Validation:**

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Required:** No
- **Character Limit:** 10 Characters
- **Allowed Characters:** Letters, Numeric and special characters (e.g., 500072, 500038).

* **Behaviour**:
  - When a zip code is entered, related fields (**Area**, **City**, **District**, **State**, **Country**) are auto-filled using the associated data.

- **Area**
  * **Type:** Drop Down
  * **Label:** "Area"
  * **Source:** Area Master
  * **Editable:** Yes
  * **Description:** Selects the Vendor's specific locality within the city for precise location mapping.
  * **Validation:**
    - **Required:** No
- **City**
  * **Type:** Drop Down
  * **Label:** "City"
  * **Source:** City Master
  * **Editable:** Yes
  * **Description:** Identifies the city where the Vendor operates for regional categorization.
  * **Validation:**
    - **Required:** No
- **District**
  * **Type:** Drop Down
  * **Label:** "District"
  * **Source:** District Master
  * **Editable:** Yes
  * **Description:** Used to specify the district for precise address classification and regional mapping.
  * **Validation:**

- **Required:** No

- **State**
  - **Type:** Drop Down
  - **Label:** "State"
  - **Source:** State Master
  - **Editable:** Yes
  - **Description:** Used to select the state where the Vendor is registered for regulatory compliance and taxation purposes.
  - **Validation:**
    - **Required:** No
- **Country**
  - **Type:** Drop Down
  - **Label:** "Country"
  - **Source:** Country Master
  - **Editable:** Yes
  - **Description:** Used to determine the Vendor's country for international business operations and regulatory compliance.
  - **Validation:**
    - **Required:** No
- **E-Mail ID**
  - **Type:** Text Input (Text Editor)
  - **Label:** "E-Mail ID"
  - **Editable:** Yes
  - **Description:** Stores the Vendor's official email address for communication and notifications.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters, Numeric and special characters (e.g., Info2025@gmail.com).
    - **Format:** Must be a valid email format

- **Contact Person Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Contact Person Name"
  - **Editable:** Yes
  - **Description:** Captures the name of the primary point of contact at the Vendor ship
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters, Spaces, and special characters (e.g., Raju, Suresh).
- **Contact Number**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Contact Number"
  - **Editable:** Yes
  - **Description:** Stores the Vendor's contact number for official communication.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 20 Characters
    - **Allowed Characters:** Numeric, Spaces, and special characters (e.g., +91 0406988999).
- **Add Another Number**
  - **Type:** Button
  - **Label:** "Add Another Number"
  - **Editable:** Yes
  - **Description:** For Populate another contact number entry field.
  - **Functionality**: Enable another contact number to add a new another contact record.
- **Same As Shipping Address**
  - **Type:** Checkbox
  - **Label:** "Same As Shipping Address"
  - **Editable:** Yes

- **Default Value:** Unchecked (False)
- **Behaviour:**
  - **Checked:** Automatically fills the billing address fields with the shipping address details.
  - **Unchecked:** Allows the user to enter a separate billing address.

1.4.3.5 Functional Requirements

- **Actions**
  - **Next Button Click**
    - **Action:** Proceeds to the next step accounts information.
    - **Outcome:**
      - **Create Operation:** If it's a new entry, saves the Vendor information to the database.
      - **Update Operation:** If editing an existing entry, updates the Vendor information.
  - **Previous Button Click**
    - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.
  - **Back Button Click**
    - **Action:** Navigates back to the Vendor basic information table view, without discarding unsaved changes.
  - **Add Button Click**
    - **Action:** Populate another contact number entry field
    - **Outcome:**
      - **Create Operation:** Adds another contact number to the newly created Vendor under.
      - **Update Operation:** If editing an existing entry, the system updates the contact information accordingly.

- **Validation**
  - **Field Format Validation**
    - **Area, City, District, State, Country:** Valid values from predefined dropdown options.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Error Messages**
  - **Next Attempt with Missing Values:**
    - **Condition:** If required fields are empty when clicking the **Next** button.
    - **Behavior:** The system displays specific error messages indicating missing values.
- **Behavior**
  - **Navigation**
    - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes
    - Clicking the **Back button** navigates the user to the Vendor Basic Information table view without discarding unsaved changes.
    - Clicking the **Next** button navigates proceeds to the next step Vendor contact information

1.4.3.6 Data Requirements

- **Zip Code**
  - **Source**: Zip Code Master
  - **Usage**: A searchable dropdown field that allows users to find a Zip Code by typing or scrolling.
  - **Details**:
    - Contains a list of all areas in the system.
    - When a zip code is entered, related fields (Area, City, District, State, Country) are auto-filled using the associated data.
- **Area**
  - **Source**: Area Master
  - **Usage**: Populates the “Select Area” dropdown in the Vendor contact information form.
  - **Details**:
    - Contains a list of all areas in the system.
    - When an area is selected, related fields (City, District, State, Country) are automatically filled based on the associated data for accurate address mapping.
- **City**
  - **Source**: City Master
  - **Usage**: Populates the “Select City” dropdown in the Vendor contact information form.

- **Details**:
  - Contains a list of all cities in the system.
  - When a city is selected, related fields (District, State, Country) are automatically filled based on the associated data for accurate address mapping.

- **District**
  - **Source**: District Master
  - **Usage**: Populates the “Select District” dropdown in the Vendor contact information form.
  - **Details**:
    - Contains a list of all districts in the system.
    - When a district is selected, related fields (State, Country) are automatically filled based on the associated data for accurate address mapping.

- **State**
  - **Source**: State Master
  - **Usage**: Populates the “Select State” dropdown in the Vendor contact information form.
  - **Details**:
    - Contains a list of all states in the system.
    - When a state is selected, the related field (Country) is automatically filled based on the associated data for accurate address mapping.

- **Country**
  - **Source**: District Master
  - **Usage**: Populates the “Select Country” dropdown in the Vendor contact information form.
  - **Details**:
    - Contains a list of all countries in the system.
    - The country field is determined based on the selected state for consistency in address management.

1.4.3.7 Non-Functional Requirements

None.

1.4.3.8 Configurations

None.

1.4.3.9 Flowchart

None.

1.4.3.10 Additional Notes

None.

1.4.4 Accounts Information

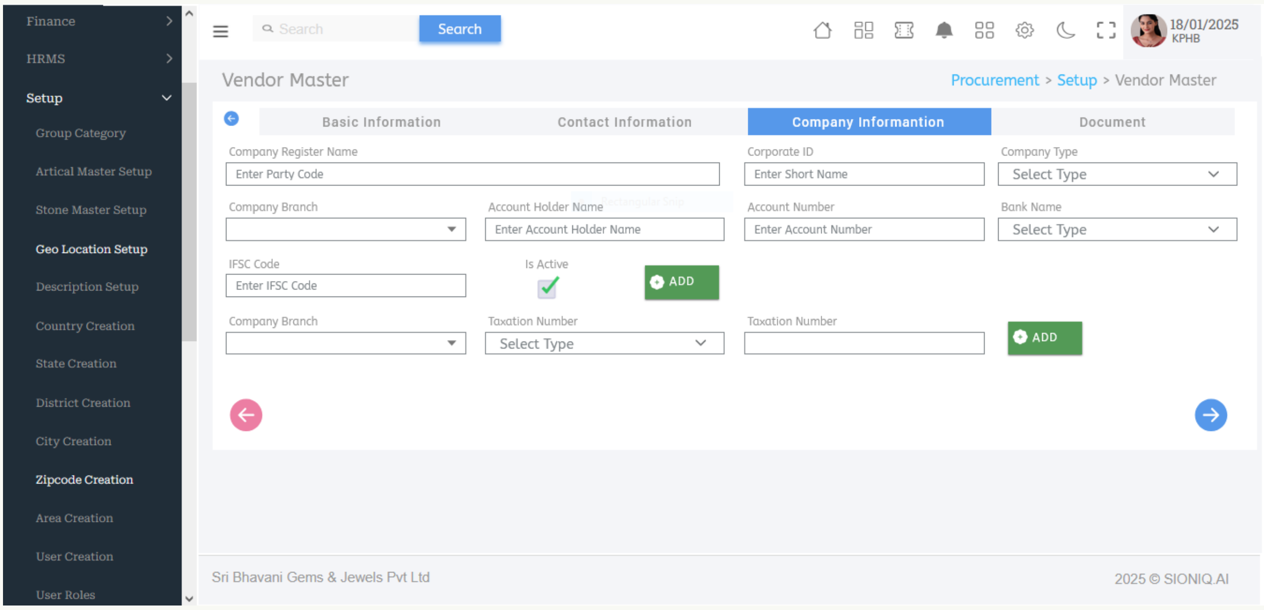
1.4.4.1 Purpose

The **Accounts Information** section allows users to register a new company within the ERP system. This includes entering key details such as the company's name, bank information, taxation information, and business-specific data. This process ensures proper organizational structuring, accurate financial management, seamless transactions, and efficient administration of company-related operations within the system.

1.4.4.2 User Type

Registered Users, Admins.

1.4.4.3 Screen Layout



Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.4.4.4 UI Elements

- **Company Register Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Company Register Name"
  - **Editable:** Yes
  - **Description:** This field captures the legally registered name of the company.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters, Numeric, spaces, and special characters (e.g., ABC Jewelers-Co Pvt. Ltd).
- **Corporate ID**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Corporate ID"
  - **Editable:** Yes
  - **Description:** This field holds the unique corporate identification number assigned to the company.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 20 Characters
    - **Allowed Characters:** Letters, Numeric and special characters (e.g., SJ16510T, FD4521056Z).
- **Company Type**
  - **Type:** Drop Down
  - **Label:** "Company Type"
  - **Source:** Company Type Master
  - **Editable:** Yes
  - **Description:** Defines the category of the company, such as micro, small, or medium enterprise.
  - **Validation:**
    - **Required:** No

- **Company Branch**
  - **Type:** Checkbox Drop Down
  - **Label:** "Company Branch"
  - **Source:** Vendor Branch Master
  - **Editable:** Yes
  - **Description:** Enables selection of one or more branches under the company.
  - **Validation:**
    - **Required:** No
    - **Allowed:** Multi check box selection
- **Account Holder Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Account Holder Name"
  - **Editable:** Yes
  - **Description:** Specifies the name associated with the company's bank account.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters, Numeric, Spaces and special characters (e.g., ABC Jewelers-Co Pvt. Ltd).
- **Account Number**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Account Number"
  - **Editable:** Yes
  - **Description:** Holds the company's bank account number used for financial transactions.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters And Numeric (e.g., 90046316841, DE60046316841).
- **Bank Name**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Type:** Drop Down
- **Label:** "Bank Name"
- **Source:** Bank Master
- **Editable:** Yes
- **Description:** Identifies the bank where the company holds an account.
- **Validation:**
  - **Required:** No

- **IFSC Code**
  - **Type:** Text Input (Text Editor)
  - **Label:** "IFSC Code"
  - **Editable:** Yes
  - **Description:** Specifies the IFSC (Indian Financial System Code) required for bank transactions.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 50 Characters
    - **Allowed Characters:** Letters And Numeric (e.g., SBIN006841, HDFC09521).

- **Is Active**
  - **Type:** Checkbox
  - **Label:** "Is Active"
  - **Editable:** Yes
  - **Description:** Indicates whether the bank account is active or inactive.
  - **Default Value:** Checked (True)
  - **Behaviour:**
    - **Checked:** The bank account is marked as active.
    - **Unchecked:** The bank account remains in the database but is inactive.

- **Add Button (Bank Information)**
  - **Type:** Button

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Label:** "Add"
- **Editable:** No
- **Description:** Enables the addition of multiple bank account details for the company.
- **Functionality**: Allows input fields to capture additional bank account records.

- **Company Branch**
  - **Type:** Checkbox Drop Down
  - **Label:** "Company Branch"
  - **Source:** Vendor Branch master
  - **Editable:** Yes
  - **Description:** Enables selection of one or more branches associated with the company.
  - **Validation:**
    - **Required:** No
- **Taxation Type**
  - **Type:** Drop Down
  - **Label:** "Taxation Type"
  - **Source:** Tax Master
  - **Editable:** Yes
  - **Description:** Allows selection of the applicable taxation type, such as TDS, TCS, or GST.
  - **Validation:**
    - **Required:** No

- **Taxation Number**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Taxation Number"
  - **Editable:** Yes
  - **Description:** Stores the unique taxation number associated with the company for compliance.
  - **Validation:**
    - **Required:** No
    - **Character Limit:** 20 Characters

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Allowed Characters:** Letters And Numeric (e.g., 36A196441614F, 37RSVC8D51Z).

- **Add Button (Taxation Information)**
  - **Type:** Button
  - **Label:** "Add"
  - **Editable:** No
  - **Description:** Enables the addition of multiple taxation details for the company.
  - **Functionality**: Allows input fields to capture additional taxation records.

1.4.4.5 Functional Requirements

- **Actions**
  - **Next Button Click**
    - **Action:** Proceeds to the next step document information.
    - **Outcome:**
      - **Create Operation:** If it's a new entry, saves the Vendor information to the database.
      - **Update Operation:** If editing an existing entry, updates the Vendor information.
  - **Previous Button Click**
    - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.
  - **Back Button Click**
    - **Action:** Navigates back to the Vendor contact information table view, without discarding unsaved changes.
- **Validation**
  - **Field Format Validation**
    - **Company Type, Company Branch, Bank Name, Company Branch Taxation Type:** Valid values from predefined dropdown options.
- **Error Messages**
  - **Next Attempt with Missing Values:**
    - **Condition:** If required fields are empty when clicking the **Next** button.
    - **Behavior:** The system displays specific error messages indicating missing values.
- **Behavior**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Navigation**
  - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes
  - Clicking the **Back button** navigates the user to the Vendor Basic Information table view without discarding unsaved changes.
  - Clicking the **Next** button navigates proceeds to the next step Vendor contact information

1.4.4.6 Data Requirements

- **Company Type**
  - **Source**: Company Type Master
  - **Usage**: A dropdown field that allows users to find a Company Type by typing or scrolling in the Vendor company information form.
  - **Details**:
    - Contains a list of all company types in the system.
- **Company Branch**
  - **Source**: Vendor Branch Master
  - **Usage**: Populates the “Select Company Branch” Multi selection dropdown in the Vendor company information form.
  - **Details**:
    - Contains a list of all company branches in the system.
- **Bank Name**
  - **Source**: Bank Master
  - **Usage**: Populates the “Select Bank Name” dropdown in the Vendor company information form.
  - **Details**:
    - Contains a list of all bank names in the system.
- **Company Branch (Taxation)**
  - **Source**: Vendor Branch Master
  - **Usage**: Populates the “Select Company Branch” Multi selection dropdown in the Vendor company information form.
  - **Details**:
    - Contains a list of all company branches in the system.

- **Taxation Type**
  - **Source**: Taxation Master
  - **Usage**: Populates the "Select Taxation Types" dropdown in the Vendor company information form.
  - **Details**:
    - Contains a list of all states in the system.
    - When a state is selected, the related field (Country) is automatically filled based on the associated data for accurate address mapping.

1.4.4.7 Non-Functional Requirements

None.

1.4.4.8 Configurations

None.

1.4.4.9 Flowchart

None.

1.4.4.10 Additional Notes

None.

1.4.5 Document Information

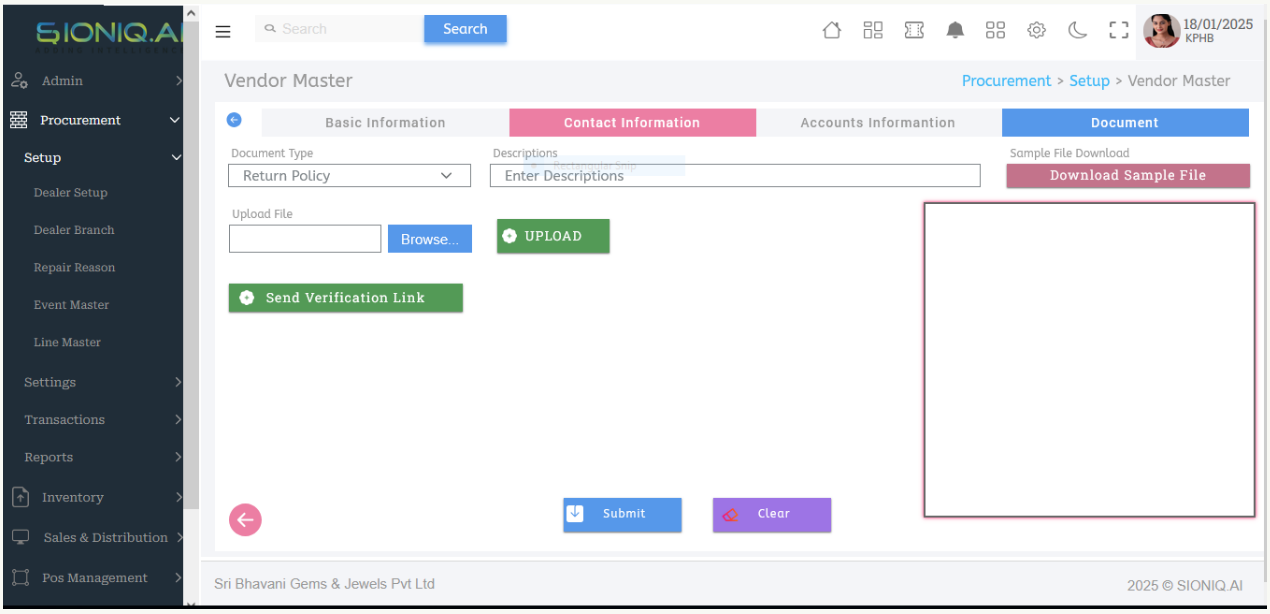
1.4.5.1 Purpose

The Vendor **Documents** section allows users to upload and manage essential documents required for vendor registration and compliance within the ERP system. This includes agreements such as Payment Agreements, Service Agreements, and Purchase Agreements to formalize business relationships and ensure smooth operations. These documents play a crucial role in defining the terms of financial transactions, service commitments, and procurement processes, thereby ensuring legal compliance, risk mitigation, and operational transparency between the company and its vendors.

1.4.5.2 User Type

Registered Users, Admins.

1.4.5.3 Screen Layout



1.4.5.4 UI Elements

- **Document Type**
  - **Type:** Drop Down
  - **Label:** "Document Type"
  - **Source:** Document Type Master
  - **Editable:** Yes
  - **Description:** Allows users to select the type of vendor document being uploaded, such as Payment Agreement, Service Agreement, or Purchase Agreement.
  - **Validation:**
    - **Required:** No
- **Document Description**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Description"
  - **Editable:** Yes
  - **Description:** Provides additional details about the uploaded document, including its purpose and key information.
  - **Validation:**
    - **Required:** No

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Character Limit:** 500 Characters
- **Allowed Characters:** Letters, Numeric, Spaces and special characters (e.g., SJ16510T, FD4521056Z).

- **Download Sample File**
  - **Type:** Button
  - **Label:** "Download Sample File"
  - **Source:** Document Master
  - **Editable:** Yes
  - **Description:**
    - Enables users to download a sample document template based on the selected document type for reference before uploading their own version.
    - The system fetches the appropriate sample file from the documents master and provides it for download.
  - **Validation:**
    - **Required:** No
- **Upload File**
  - **Type:** File Uploader
  - **Label:** "Upload File"
  - **Editable:** Yes
  - **Description:** Enables users to browse and select a document file for upload into the system.
  - **Validation:**
    - **Required:** No
    - **Conditional Validation:** If the **"Upload File"** option is selected, the uploaded file must meet the required format and size limitations:
      - **Allowed Formats:** JPEG, PNG, PDF, Word Document, Excel File
      - **Size Limit:** No
- **Upload Button**
  - **Type:** Button
  - **Label:** "Upload"
  - **Editable:** Yes
  - **Description:**

- Triggers the upload process for the selected document file, storing it within the system.
- After a successful upload, the document will be displayed inside a **square preview box** within the form.

- **Actions**
    - **Behavior:** When clicked, the system processes and uploads the selected file to the database and renders a **preview or downloadable link** inside the square box.

- **Send Verification Link Button**
    - **Type:** Button
    - **Label:** "**Send Verification Link**"
    - **Editable:** Yes
    - **Description:** Allows users to send a verification link for uploaded documents via Email, WhatsApp, or system notifications
    - **Actions**
        - **Behavior:** When clicked, the system processes and sends the verification link.
- **Submit Button**
    - **Type:** Button
    - **Label:** "Submit"
    - **Editable:** No
    - **Description:** Submits the filled form data to the database.
    - **Validation:** Ensures all mandatory fields are filled and validated.
- **Clear Button**
    - **Type:** Button
    - **Label:** "Clear"
    - **Editable:** No
    - **Description:** Resets or clears all form fields, enabling a fresh start.

1.4.5.5 Functional Requirements

- **Actions**
    - **Submit Button Click**
        - **Action:** Triggers form submission if all required fields (e.g., Vendor Name, Vendor Category, etc.) are valid.

- **Outcome:**
  - **Create Operation:** If it's a new entry, saves the Vendor information to the database.
  - **Update Operation:** If editing an existing entry, updates the Vendor information.

- **Clear Button Click**
  - **Action:** Resets all fields to default values after user confirmation.
  - **Outcome:** Form fields are cleared for a new entry.

- **Previous Button Click**
  - **Action:** Navigates back to the main Vendor setup table view, discarding any unsaved changes.

- **Back Button Click**
  - **Action:** Navigates back to the Vendor accounts information table view, without discarding unsaved changes.

- **Validation**
  - **Field Format Validation**
    - **Document Type:** Valid values from predefined dropdown options.

- **Error Messages**
  - **Submit Attempt with Missing Values:**
    - **Condition:** If one or more required fields are empty when the Submit button is clicked.
    - **Behavior:** The system displays specific error messages indicating missing values.
    - **Examples:**
      - "Vendor Name is required"
      - "Vendor Category is required"
  - **Validation Errors:**
    - **Condition:** If field values do not meet required formats.
    - **Behavior:** The system displays specific error messages.
    - **Examples:**
      - "Contact Number must be numeric and at least 10 digits"
      - "Invalid email format in E-Mail ID field"
      - "Credit days must be a numeric value"

- **Behavior**
  - **Successful Submission**
    - If all fields are valid, the form data is saved in the database, and a success confirmation message is displayed.
  - **Form Reset**
    - Clicking the Clear button resets all form fields to their default state after user confirmation.
  - **Navigation**
    - Clicking the **Previous** button navigates the user back to the Vendor setup table view and discards unsaved changes
    - Clicking the **Back button** navigates the user to the Vendor Basic Information table view without discarding unsaved changes.

1.4.5.6 Data Requirements

- **Document Type**
  - **Source**: Document Master
  - **Usage**: This field is a dropdown menu in the Vendor Document Information form, allowing users to select a document type either by typing in the search box or by scrolling through the available options.
  - **Details**:
    - The dropdown contains a predefined list of all document types stored in the system, ensuring accurate and consistent selection for vendor documentation.
- **Sample File Download**
  - **Source**: Document Master
  - **Usage**: This functionality provides a "Sample Files" button in the Vendor Document Information form, allowing users to download a reference document before uploading their own.
  - **Details**:
    - The system retrieves and provides sample files for vendor documents based on the selected document type. This ensures that users have a standardized template for proper document submission.

1.4.5.7 Non-Functional Requirements

None.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.4.5.8 Configurations

None.

1.4.5.9 Flowchart

None.

1.4.5.10 Additional Notes

None.

1.4.6 Update Vendor

1.4.6.1 Purpose

The purpose of updating (modifying) the Vendor details is to manage and adjust Vendor information, including active/inactive status, financial details, and permissions for effective workflow and data management. The update action may be restricted based on dependencies (e.g., linked transactions, stock entries, or financial records) to ensure data integrity and prevent unintended changes.

1.4.6.2 User Type

Admins, Registered Users.

1.4.6.3 Screen Layout

Same Add Vendor Layout

1.4.6.4 UI Elements

Same Add Vendor Elements

1.4.6.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process is initiated by clicking the **Edit** button in the **Action** column of the Vendor list.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Vendor’s existing details (e.g., Vendor Basic Information, and Contact Information, Company Information and Document Information) into the Vendor form..
      - Pre-populates the form fields with the current values of the selected Vendor record for editing.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Expected Outcome:** The Vendor form is populated with the selected record's current data, ready for modification.

- **Modify Vendor Details:**
  - **Description:** Allows users to change one or more fields in the Vendor record.
  - **Fields Available for Update:**
    - Vendor Basic Information
    - Vendor Contact Information
    - Vendor Company Information
    - Vendor Document Information
  - **Expected Outcome:** Users can update all editable fields before saving the record.

- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets validation requirements before submission.
  - **Validation Criteria:**
    - **Mandatory Fields:** Vendor Name, Vendor Category must not be empty.
    - **Specific Field Validation:**
      - Vendor Name: Up to 50 characters, allows Letters, Numeric, Special characters, spaces.
      - Vendor Short Name: Up to 10 characters, allows Uppercase letters only.
    - **Error Handling:** If validation fails, display specific error messages to guide the user (e.g., "Vendor Name and Vendor Category are required").
  - **Expected Outcome:** All required fields are validated, and any errors are shown to the user before submission.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Vendor data to the database and refreshes the table to reflect changes.
      - Displays a success message to confirm the update (e.g., "Vendor details have been successfully updated").
  - **Expected Outcome:** The updated Vendor is stored in the database, and the user receives confirmation of the successful update.
  - **Dependency:** Performs a dependency check to ensure no active records (e.g., linked transactions, financial entries) are associated with the Vendor before allowing submit

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the Vendor record.
  - **Functionality:**
    - **Cancel Option:** Users can cancel the update operation by closing the form or clicking a "**Previous**" button.
    - **Expected Outcome:** The form closes without saving changes, leaving the original Vendor record intact.

- **Confirmation Message**
  - **Purpose:** Notifies the user of the successful completion of the update operation.
  - **Functionality:**
    - **Display message:** Displays a message upon a successful update (e.g., "Vendor details have been successfully updated").
    - **Expected Outcome:** The confirmation message assures the user that the changes were saved.

1.4.6.6 Data Requirements

None.

1.4.6.7 Non-Functional Requirements

None.

1.4.6.8 Configurations

None.

1.4.6.9 Flow Chart

None.

1.4.6.10 Additional Notes

None.

1.4.7 Remove Vendor

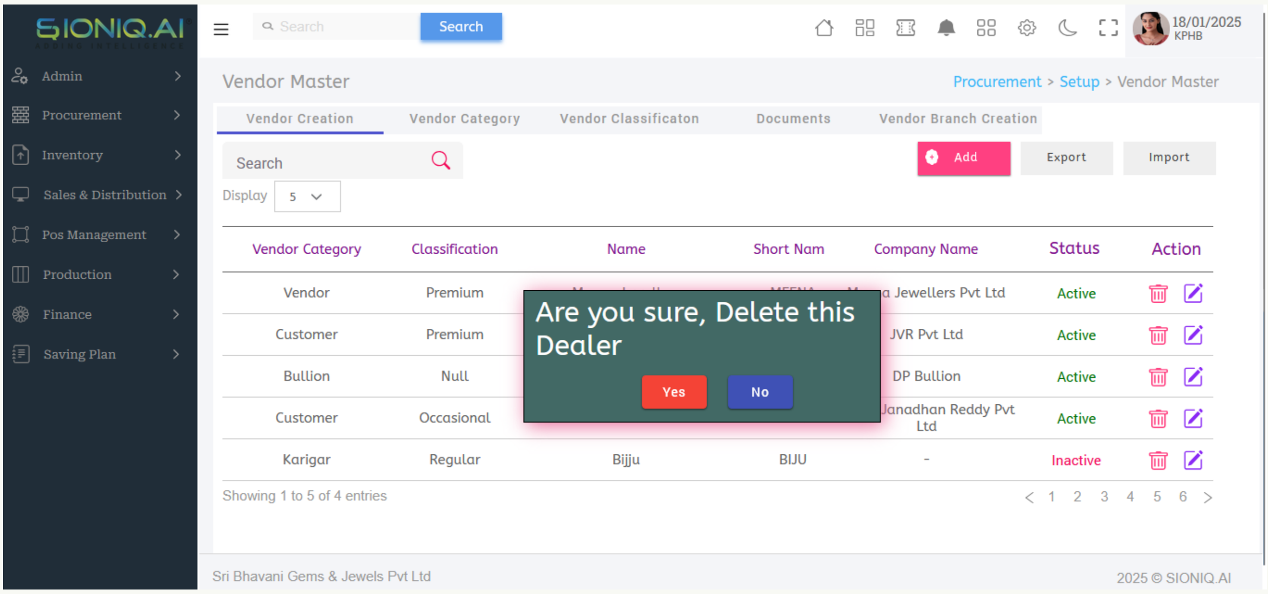
1.4.7.1 *Purpose*

The purpose of removing a Vendor is to eliminate outdated, unnecessary, or incorrectly created entries while ensuring that the removal process does not disrupt linked records or compromise system integrity.

1.4.7.2 *User Type*

Admins, Registered Users

1.4.7.3 *Screen Layout*



1.4.7.4 *UI Elements*

Same Vendor Elements

1.4.7.5 *Functional Requirements*

- **Initiate Remove Process**
  - **Description:** The removal process is initiated by clicking the **Delete** button in the **Action** column of the Vendor list.
  - **Functionality:**
    - **Delete Button Action:**
      - Prompts the user for confirmation before proceeding with the removal operation to prevent accidental deletions.
      - Performs a dependency check to ensure no active records (e.g., linked transactions, financial entries) are associated with the Vendor before allowing deletion.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Expected Outcome:** The system ensures the user intends to remove the selected Vendor and verifies there are no dependencies restricting the operation.

○ **Remove Vendor Details**

- **Description:**
  Allows users to permanently delete a vendor record from the database if no dependencies exist.
- **Fields Verified Before Deletion:**
  - **Vendor Code:** Ensures no dependent records are linked to the Vendor.
  - **Vendor Name:** Ensures no dependent records are tied to the Vendor's name.
  - **Vendor Category:** Ensures no dependent records are linked to the Vendor.
  - **Related Data:** Checks for any linked transactions, inventory entries, or associated modules before removal.
- **Expected Outcome:**
  The selected Vendor is deleted from the database only if no dependencies are found.

○ **Dependency Validation (Remove Mode)**

- **Purpose:**
  Ensures that the Vendor is eligible for removal by validating against linked records.
- **Validation Criteria:**
  - **Dependency Check:**
    - Verifies that no records in other modules are linked to the Vendor.
    - Displays an error message if dependencies exist (e.g., "Cannot delete Vendor due to linked financial records").
- **Expected Outcome:**
  The system prevents deletion if dependencies are identified, ensuring data integrity.

○ **Submit Remove Request**

- **Description:** Deletes the Vendor data from the database upon successful validation.
- **Functionality:**
  - **Submit Button:**
    - Deletes the Vendor data from the database.

- Refreshes the Vendor list to reflect the changes.
- Displays a success message confirming the removal (e.g., "Vendor details have been successfully removed").

- **Expected Outcome:** The Vendor is permanently deleted, and the user is notified of the successful operation.

- **Cancel Remove Operation**
  - **Purpose:**
    Allows users to cancel the delete operation if they choose not to remove the Vendor.
  - **Functionality:**
    - **Cancel Option:**
      - Users can cancel the delete operation by closing the form or clicking a **Previous** button.
  - **Expected Outcome:**
    The operation is terminated without making any changes, leaving the Vendor record intact.

- **Confirmation Message**
  - **Purpose:**
    Notifies the user of the successful completion of the removal operation.
  - **Functionality:**
    - **Display Message:**
      - Displays a message upon successful removal (e.g., "Vendor has been successfully removed").
  - **Expected Outcome:**
    The confirmation message assures the user that the Vendor was successfully deleted.

1.4.7.6 Data Requirements

None.

1.4.7.7 Non-Functional Requirements

None.

1.4.7.8 Configurations

None.

1.4.7.9 Flow Chart

None.

1.4.7.10 Additional Notes

None.

1.5 Template Master

Template Master is a centralized module designed to manage predefined templates for various Jewellery-related operations. It enables users to create, store, and customize standard templates for documents, reports, product configurations, pricing structures, and other key processes. By streamlining template management, this module ensures consistency, efficiency, and accuracy across different Jewellery workflows.

1.5.1 Data View

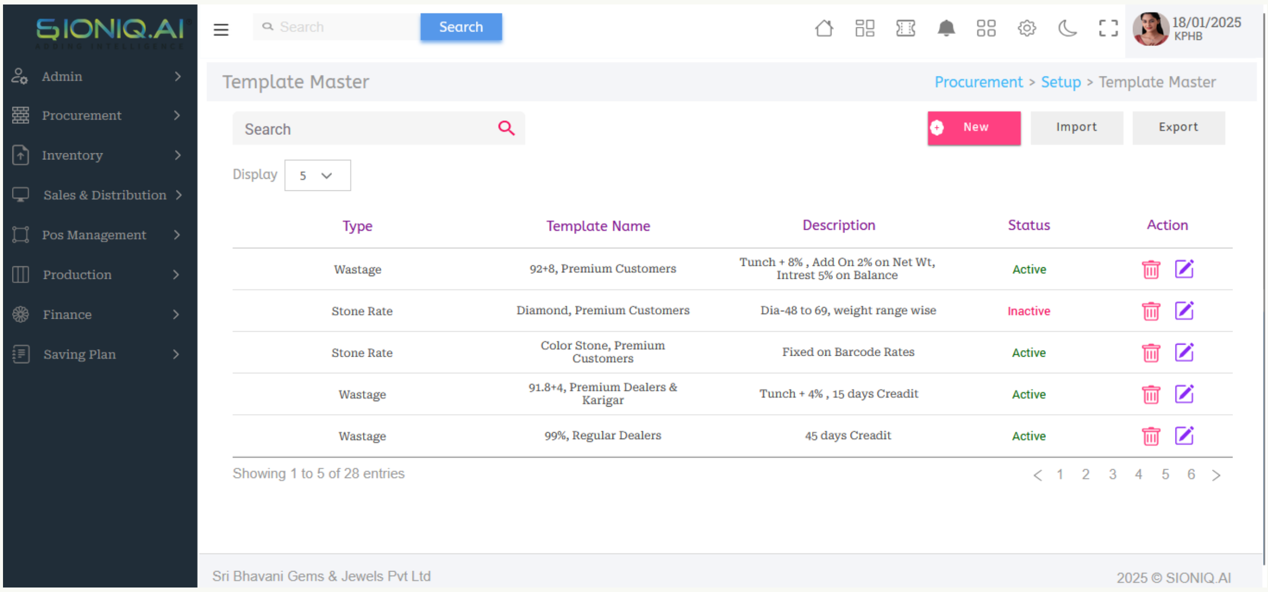
1.5.1.1 Purpose

Template Master provides a structured interface to manage and access predefined templates efficiently. It allows users to search, filter, and organize templates based on categories, types, and statuses. This ensures quick retrieval, consistency, and seamless utilization across jewellery operations.

1.5.1.2 User Type

Registered Users, Admins.

1.5.1.3 Screen Layout



1.5.1.4 UI Elements

- **Search Option**
  - **Description**: A search bar located at the top of the data view section to filter the Template Master records displayed in the table.
  - **Functionality**:
    - Enabled users to search by Type, Template Name, Description, Status, Action.
    - Dynamically updates the displayed table to show only results that match the search query.
- **Display Dropdown**
  - **Description**: A dropdown control to set the number of rows shown in the table at once.
  - **Options**: Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality**:
    - Allows users to control the number of Template Master records displayed per page.
    - Updates the table view immediately based on the selected number of rows.
- **Buttons**
  - **New Button**
    - **Label**: "New"
    - **Functionality**: Opens the Template Master form to add a New Template Master record.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)
    - **Functionality**: Allows users to export the displayed Template master data in various file formats (Excel).
    - **Export Options**:
      - Exports all or filtered data based on the current table view and search filter.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Import Button**
  - **Label**: "Import" (or Icon button as specified)
  - **Functionality**: Redirects to the Import Form page, where users can upload Template Master data.

- **Tabular View**
  - **Description**: The Tabular View provides a comprehensive and structured representation of all Template Master details registered in the system. It enables users to view, manage, and perform actions on Template data efficiently.
  - **Columns**:
    - **Type**: Displays the Type (e.g. Wastage, Stone Rate).
    - **Template Name**: Displays the Template Name (e.g. Premium Customers, Regular Customers, Premium Dealers, Regular Dealers).
    - **Description**: Displays the Description (e.g. Interest on Balance, Weight Range Wise, 15 days Credit, 45 Days Credit).
  - **Status**:
    - **Status Values**:
    - **Active**: If the checkbox is checked in the form.
    - **Inactive**: If the checkbox is unchecked in the form.
  - **Action**:
    - **Delete**: Deletes the selected Template master record (permission-based).
    - Functionality: Triggers a delete confirmation prompt before +proceeding.
    - **Edit**: Allows modification of the Template master information (permission-based).
    - Functionality: Opens the Template Master form populated with the selected Template master data for editing.

- **Paging for Table View**
  - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of Template master records.
  - **Functionality**:
    - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
    - Shows page numbers to allow users to jump directly to specific pages.
    - Updates the displayed Template master records based on the selected page.

1.5.1.5 Functional Requirements

None.

1.5.1.6 Data Requirements

- **Data Source**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- The data displayed in the Template Master Table View is sourced from the Template Master Table.
- **Fields and Requirements**:
  - **Type**: Displays Type like "Wastage" "Stone Rate".
  - **Template Name:** Displays Template Name like "Premium Customers", "Regular Customers", "Premium Dealers", "Regular Dealers".
  - **Description:** Displays Description Like "Interest on Balance", "Weight Range Wise", "15 days Credit", "45 Days Credit".
- **Status**: Displays the current status of the Template (e.g., Active or Inactive).
- **Action**: Provides options to **Edit** or **Delete** the respective Template record.

- **Usage**

  The table data is used for operational decisions, navigation, and reporting. All fields are searchable and filterable based on the requirements.

1.5.1.7 Non-Functional Requirements

None.

1.5.1.8 Configurations

- **Functionality:**
  - **Permission Settings**: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions, applicable only to **Admins and Registered users**.
- **Available Permissions:**
  - **New Template Permission**: Grants authorized users access to the "New" button for creating new template master records.
  - **Edit Permission**: Enables authorized users to access the **Edit** button in the **Action** column, allowing modification of existing template master records.
  - **Delete Permission**: Provides authorized users access to the **Delete** button in the **Action** column, enabling deletion of template master records.
- **Permission Assignment:**
  - Permissions are assigned exclusively to Admins and Registered users, ensuring role-based control over data management and system operations.

1.5.1.9 Flowchart

None.

1.5.1.10 Additional Notes

None.

1.5.2 Create Wastage Template

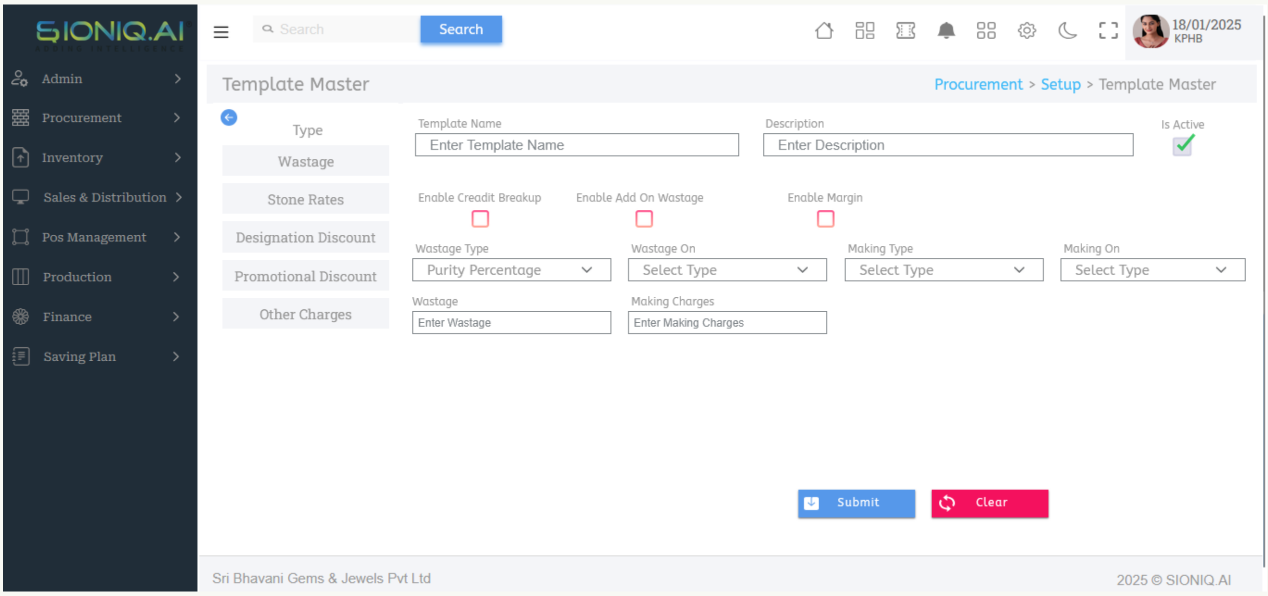
1.5.2.1 *Purpose*

The Create Template Master module is designed to streamline the creation of standardized templates for various jewellery-related processes. It enables users to define, store, and manage templates for documents, pricing structures, product specifications, and reports. This ensures consistency, accuracy, and efficiency across operations, reducing manual efforts and enhancing workflow automation.

1.5.2.2 *User Type*

Registered Users, Admins.

1.5.2.3 *Screen Layout*



1.5.2.4 *UI Elements*

- **Template Name**
  - **Type:** Text Input
  - **Label:** Template
  - **Editable:** Yes
  - **Description:** Enter the Template for the template record.
  - **Validation:**
    - **Required:** Yes

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Character Limit:** 50 characters
- **Allowed Characters:** Letters, spaces, Numbers, and special characters.

- **Description**
  - **Type:** Text Input
  - **Label:** Description
  - **Editable:** Yes
  - **Description:** Enter the Description for the template record.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 50 characters
    - **Allowed Characters:** Letters, spaces, Numbers, and special characters.

- **Is Active**
  - **Type:** Checkbox
  - **Label:** Is Active
  - **Editable:** Yes
  - **Description:** Check this box to mark the template record as active.
  - **Validation:** Required field

- **Enable Credit Breakup**
  - **Type:** Checkbox
  - **Label:** Enable Credit Breakup
  - **Editable:** Yes
  - **Description:** Check this box to enable credit breakup for this template.
  - **Validation:** Optional field

- **Enable Add on Wastage**
  - **Type:** Checkbox

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Label:** Enable Add on Wastage
- **Editable:** Yes
- **Description:** Check this box to enable additional wastage for this template.
- **Validation:** Optional field

- **Enable Margin**
    - **Type:** Checkbox
    - **Label:** Enable Margin
    - **Editable:** Yes
    - **Description:** Check this box to enable margin for this template.
    - **Validation:** Required field
- **Wastage Type**
    - **Type:** Dropdown
    - **Label:** Wastage Type
    - **Editable:** Yes
    - **Description:** Select the wastage type for the template.
    - **Options:**
        - Purity Percentage
        - Tunch
        - Wastage
        - Direct Wastage
    - **Behavior:**
        - **Purity Percentage:** Wastage is calculated based on the purity percentage of the metal.
        - **Tunch:** Wastage is determined by the tunch value, a measurement of gold purity.
        - **Wastage:** Direct wastage is applied as per predefined values.
        - **Direct Wastage:** A fixed wastage weight is applied directly.
- **Wastage On**
    - **Type:** Dropdown
    - **Label:** Wastage On

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Editable:** Yes
- **Description:** Select how wastage is calculated for the template.
- **Options:**
  - Gross Weight
  - Net Weight
  - Calculated
- **Behavior:**
  - **Gross Weight:** Wastage is calculated on the total weight of the item.
  - **Net Weight:** Wastage is calculated based on the net weight (excluding additional elements like stones).
  - **Calculated:** Wastage is dynamically calculated based on additional parameters.

- **Making Type**
  - **Type:** Dropdown
  - **Label:** Making Type
  - **Editable:** Yes
  - **Description:** Select the making type for the template.
  - **Options:**
    - Per Gram
    - Per Unit
    - Direct
  - **Behavior:**
    - **Per Gram:** Making charges are applied based on weight per gram.
    - **Per Unit:** Making charges are applied per item (fixed cost per piece).
    - **Direct:** Making charges are predefined and directly applied.

- **Making On**
  - **Type:** Dropdown
  - **Label:** Making On
  - **Editable:** Yes
  - **Description:** Select how making charges are applied for the template.
  - **Options:**
    - Gross Weight
    - Net Weight
    - Wastage + Gross Weight
    - Wastage + Net Weight
    - Wastage
    - Calculated
  - **Behavior:**

- **Gross Weight:** Making charges are applied to the total weight.
- **Net Weight:** Making charges are applied to the weight excluding additional elements.
- **Wastage + Gross Weight:** Making charges are applied based on both wastage and total weight.
- **Wastage + Net Weight:** Making charges are calculated on wastage plus net weight.
- **Wastage:** Making charges are applied only to wastage weight.
- **Calculated:** Making charges are derived dynamically based on multiple parameters.

- **Wastage**
  - **Type:** Text Input
  - **Label:** Wastage
  - **Editable:** Yes
  - **Description:** Enter the wastage value for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 10 characters
    - **Allowed Characters:** Numeric values only.

- **Making Charges**
  - **Type:** Text Input
  - **Label:** Making Charges
  - **Editable:** Yes
  - **Description:** Enter the making charges for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 10 characters
    - **Allowed Characters:** Numeric values only.

Fields Displayed When "Enable Credit Breakup" is Checked

- **From Day**
  - **Type:** Text Input
  - **Label:** From Day
  - **Editable:** Yes
  - **Description:** Enter the starting day for the credit breakup period.
  - **Validation:**
    - **Required:** Yes

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Character Limit:** 05 characters
- **Allowed Characters:** Numeric values only.

- **To Day**
  - **Type:** Text Input
  - **Label:** To Day
  - **Editable:** Yes
  - **Description:** Enter the ending day for the credit breakup period.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 05 characters
    - **Allowed Characters:** Numeric values only.
- **Credit Name**
  - **Type:** Text Input
  - **Label:** Credit Name
  - **Editable:** Yes
  - **Description:** Enter the credit name for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters
    - **Allowed Characters:** Numeric, Letters, Space, and Special characters.
- **Enable Interest**
  - **Type:** Checkbox
  - **Label:** Enable Interest
  - **Editable:** Yes
  - **Description:** Check this box to enable interest for this template.
  - **Validation:** Optional field
- **Enable Margin**
  - **Type:** Checkbox
  - **Label:** Enable Margin
  - **Editable:** Yes
  - **Description:** Check this box to enable margin for this template.
  - **Validation:** Optional field

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Enable Add on Wastage**
  - **Type:** Checkbox
  - **Label:** Enable Add on Wastage
  - **Editable:** Yes
  - **Description:** Check this box to enable additional wastage for this template.
  - **Validation:** Optional field

Fields Displayed When "Enable Interest" is Checked

- **Interest %**
  - **Type:** Text Input
  - **Label:** Interest %
  - **Editable:** Yes
  - **Description:** Enter the interest percentage for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 06 characters
    - **Allowed Characters:** Numeric values only.
- **Interest On**
  - **Type:** Dropdown
  - **Label:** Interest On
  - **Editable:** Yes
  - **Description:** Select the method for calculating interest.
  - **Options:**
    - Voucher Balance
    - Voucher Pure Weight
    - Voucher Wastage
    - Voucher Gross Weight
    - Voucher Net Weight
    - Bill Amount
  - **Behavior:**
    - **Voucher Balance**
      - Interest is calculated on the remaining balance of the voucher.
      - If the balance is zero, no interest is applied.
    - **Voucher Pure Weight**
      - Interest is calculated based on the **pure weight** of the metal in the voucher.
      - Pure weight = (Net weight × Purity percentage).
      - Used when interest is determined by the actual precious metal content.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Voucher Wastage**
  - Interest is applied to the **wastage value** recorded in the voucher.
  - Typically used when wastage is an essential cost factor in pricing.
- **Voucher Gross Weight**
  - Interest is calculated on the **total gross weight** of the item.
  - Includes stones, beads, and other elements along with the metal.
- **Voucher Net Weight**
  - Interest is applied only on the **net metal weight** (excluding stones and non-metal parts).
  - Commonly used for transactions based on the actual weight of the metal.
- **Bill Amount**
  - Interest is calculated on the **total invoice/bill amount**.
  - Includes all charges such as metal cost, wastage, making charges, and taxes.
  - Used when interest is applied at the financial level rather than weight-based.

Fields Displayed When "Enable Margin" is Checked

- **Margin on Wastage**
  - **Type:** Text Input
  - **Label:** Margin on Wastage
  - **Editable:** Yes
  - **Description:** Enter the margin percentage for wastage.
  - **Validation:**
    - **Required:** Optional
    - **Character Limit:** 10 characters
    - **Allowed Characters:** Numeric values only.
- **Margin on Making**
  - **Type:** Text Input
  - **Label:** Margin on Making
  - **Editable:** Yes
  - **Description:** Enter the margin percentage for making charges.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters
    - **Allowed Characters:** Numeric values only.

Fields Displayed When "Enable Add on Wastage" is Checked

- **Add On Wastage %**
  - **Type:** Text Input
  - **Label:** Add On Wastage %
  - **Editable:** Yes
  - **Description:** Enter the additional wastage percentage.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters
    - **Allowed Characters:** Numeric values only.
- **Add On Wastage On**
  - **Type:** Dropdown
  - **Label:** Add On Wastage On
  - **Editable:** Yes
  - **Description:** Select how the additional wastage is applied.
  - **Options:**
    - Select Type
    - Gross Weight
    - Net Weight
    - Wastage + Gross Weight
    - Wastage + Net Weight
    - Wastage
    - Calculated
  - **Behavior:**
    - **Gross Weight:** Making charges are applied to the total weight.
    - **Net Weight:** Making charges are applied to the weight excluding additional elements.
    - **Wastage + Gross Weight:** Making charges are applied based on both wastage and total weight.
    - **Wastage + Net Weight:** Making charges are calculated on wastage plus net weight.
    - **Wastage:** Making charges are applied only to wastage weight.
    - **Calculated:** Making charges are derived dynamically based on multiple parameters.
- **Actions Buttons:**
  - **Back (Button):**
    - **Type:** Button
    - **Label:** Back
    - **Action:** Navigate back to the previous screen.

- **Submit (Button):**
  - **Type:** Button
  - **Label:** Submit
  - **Action:** Save the template record to the system.
- **Clear (Button):**
  - **Type:** Button
  - **Label:** Clear
  - **Action:** Reset all fields in the form to their default state.

1.5.2.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action**: The form submission is triggered when the user clicks the Submit button, provided all required fields (Type, Template name and Description) for template master are populated with valid values.
    - **Outcome**:
      - **Create Operation**: If it is a new entry, the system saves the new template master to the database.
      - **Update Operation**: If editing an existing entry, the system updates the existing template master record in the database.

- **Mandatory Fields**
  - **Fields**: Type, Template Name, Description, Status, Action are mandatory fields that must be completed.
  - **Behaviour**:
    - Users are required to enter valid values for each of the mandatory fields.
    - If any mandatory field is left blank, the form submission will be blocked, and an error message will be displayed indicating the missing fields.
  - **Conditional Validation**
    - **Field Format Validation**
      - **Type**: The field must contain a Type.
      - **Template Name**: The field must contain a Template Name.
      - **Description**: The field must contain a Description.
      - **Status**: This field accepts only numeric values.
      - **Action**: This field accepts only numeric values.

- **Error Messages**
  - **Submit Attempt with Missing Values**
    - **Condition**: This condition occurs if one or more required fields are left empty when the user clicks the Submit button.

- **Behaviour**: The system will display specific error messages indicating which fields are missing values.
- **Message Examples**:
  - “Template Name is required" if the Location field is empty.
  - "Description is required" if the Group Category field is empty.

- **Behaviour**
  - **Successful Submission**
    - If all required fields are correctly filled in, the form data will be saved to the database, and a confirmation message, such as "Record saved successfully," will be displayed to the user.
  - **Form Reset**
    - Clicking the **Clear** button will reset all form fields to their default values after the user confirms the action.
  - **Navigation**
    - Clicking the **Previous** button will discard any unsaved changes and navigate the user back to the Purity Master Table View.

1.5.2.6 Data Requirements

None.

1.5.2.7 Non-Functional Requirements

None.

1.5.2.8 Configurations

None.

1.5.2.9 Flowchart

None.

1.5.2.10 Additional Notes

None.

1.5.3 Update Template

1.5.3.1 Purpose

The Update Template Master module allows users to modify existing template records in the system. This ensures that template details, such as wastage, stone rates, discounts, and other charges, remain accurate and up to date. By enabling seamless updates, this functionality helps maintain consistency and correctness in jewellery pricing and calculations.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.5.3.2 User Type

Admin & Register Users

1.5.3.3 Screen Layout

Same Create Wastage Template Layout.

1.5.3.4 UI Elements

Same like Create Wastage Template layout

1.5.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process begins when the user clicks the **Edit** button in the Action column of the template table.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Template's existing details (e.g., Template Name, Description, Wastage Type, Wastage on, Making Type, making on, Wastage, Making, Add on Wastage, Margin, Credit Breakup, Status, etc.) into the **Template Creation Form**.
      - Pre-populates all form fields with the current values of the selected template record to enable editing.
  - **Expected Outcome:** The **Template Creation Form** is populated with the selected template's current data, ready for modification.
- **Modify Template Details**
  - **Description:** Allows users to edit one or more fields of the template record, such as Name, Description, Wastage, Making, and Margin.
  - **Fields Available for Update:**
    - **Template Name:** Update the full name of the Template.
    - **Description:** Update the Template Description.
    - **Wastage Type:** Change the Wastage Type.
    - **Wastage On:** Change the Wastage calculation On.
    - **Making Type:** Change the Making Type.
    - **Making On:** Change the Making calculation on.
    - **Wastage:** Change the Wastage Value.
    - **Making:** Change the Making Value.
    - **Add on Wastage:** Change the Add on Wastage Value.
    - **Add on Wastage ON:** Change the Add on Wastage calculation on.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

  - **Margin On Wastage:** Change the Wastage Margin value.
  - **Margin On Making:** Change the Making Margin Value.
  - **Credit Breakup:** Enable the Credit Breakup.
  - **Credit Name:** Change the Credit Name.
  - **Interest:** Enable the Interest.
  - **Interest:** Change the Interest percentage.
  - **Interest On**: Change the Interest calculation on.
  - **Status:** Change the active status to "Active" or "De-active."
- **Expected Outcome:** Users can update any editable field(s) as required before saving the changes.

○ **Form Validation (Update Mode)**

- **Purpose:** Ensures that updated information meets required validation rules before submission.
- **Validation Criteria:**
  - **Mandatory Fields:** The following fields must not be empty:
    - Template Name
    - Description
    - At least one of the following fields must have a value: Wastage or Making Charges
  - **Dependency Based on Mandatory Fields:**
    - The following fields must not be empty when the **Wastage** field has a value:
      - Wastage Type
      - Wastage On
    - The following fields must not be empty when the **Making Charges** field has a value:
      - Making Type
      - Making On (Based on Making Type)
    - The following fields must not be empty when the **Add on Wastage** field has a value:
      - Add on Wastage On
    - The following fields must not be empty when the **Credit Breakup** field has a value:
      - From Day
      - To Day
      - Credit Name
      - At least one of the following fields must have a value: Wastage or Making Charges
  - **Specific Field Validation:**
    - **Template Name:** Up to 50 characters, allows letters, spaces, numbers, and certain special characters.
    - **Description:** Up to 50 characters, allows letters, spaces, and certain special characters.
    - **Wastage:** Up to 10 characters, numeric values only.
    - **Making Charges:** Up to 10 characters, numeric values only.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Add-On Wastage:** Up to 10 characters, numeric values only.
- **Margin On Wastage:** Up to 10 characters, numeric values only.
- **Margin On Making:** Up to 10 characters, numeric values only.
- **Interest:** Up to 6 characters, numeric values only.
- **From Day:** Up to 5 characters, numeric values only.
- **To Day:** Up to 5 characters, numeric values only.
- **Credit Name:** Up to 20 characters, allows letters, spaces, numbers, and certain special characters.

- **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
  - "Template Name is required"
  - "Wastage must contain numeric values only."

- **Expected Outcome:** All required fields are validated, and errors are displayed if any criteria are not met.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Template details to the database and refreshes the template table to reflect the changes.
      - Displays a success message confirming the update, such as: "Template details have been successfully updated."
  - **Expected Outcome:** The updated template record is stored in the database, and the user is notified of the successful update.
- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the template record.
  - **Functionality:**
    - **Cancel Option:** Users can cancel the update process by either closing the form or clicking the **Previous** button.
  - **Expected Outcome:** The form closes without saving any changes, leaving the original template record intact.
- **Confirmation Message**
  - **Purpose:** Notifies the user that the update operation was successfully completed.
  - **Functionality:**

  - **Display Message:** Upon successful submission, a confirmation message is displayed, such as: " Template details have been successfully updated."
- **Expected Outcome:** The confirmation message assures the user that the updated data has been saved successfully.

1.5.3.6 Data Requirements

None.

1.5.3.7 Non-Functional Requirements

None.

1.5.3.8 Configurations

None.

1.5.3.9 Flowchart

None.

1.5.3.10 Additional Notes

None.

1.5.4 Remove Wastage Template

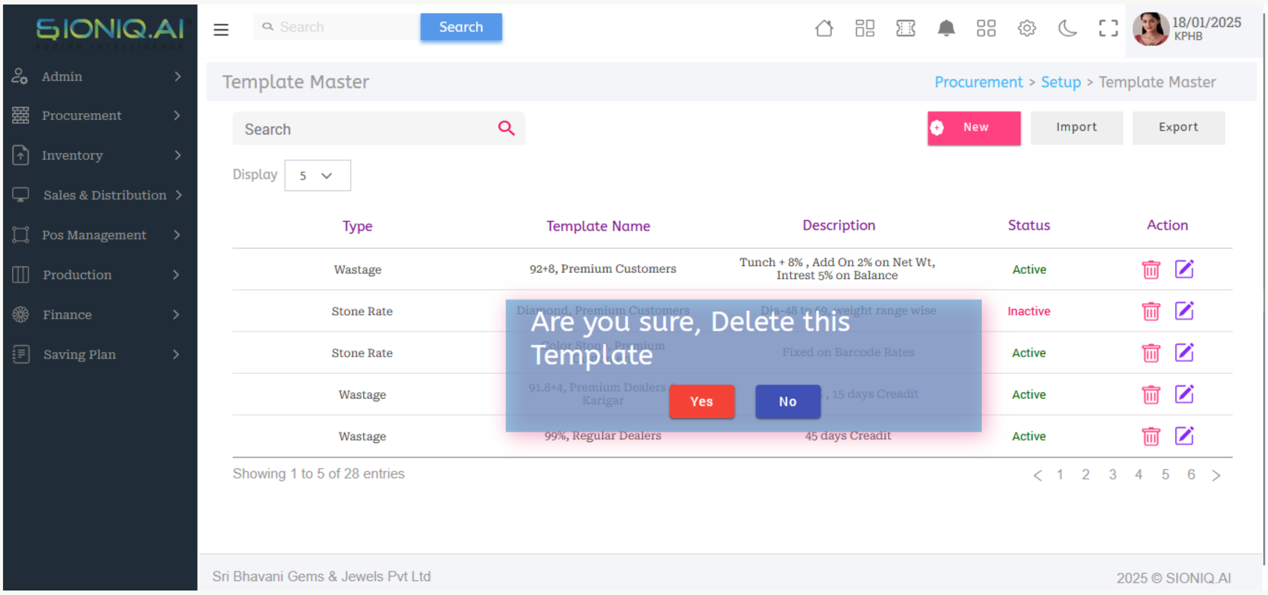
1.5.4.1 Purpose

The Remove Template Master functionality allows users to delete an existing template record from the system. This ensures that outdated or incorrect templates are removed, maintaining data accuracy and preventing clutter in the system. Deletion may be restricted if the template is associated with active transactions or dependencies.

1.5.4.2 User Type

Admin & Register Users

1.5.4.3 Screen Layout



1.5.4.4 UI Elements

None.

1.5.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for Template.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.

- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the Delete button in the Action column of the template table.
  - **Functionality**:
    - **Delete Button Action**:
      - Prompts the user with a delete confirmation message to prevent accidental deletion.
    - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.

- **Delete Confirmation Prompt**

- **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
- **Functionality**:
  - **Confirmation Message**:
    - When the Delete button is clicked, the system displays a warning message:
      - "Are you sure you want to delete this Template?"
  - **Options**:
    - **Yes**: Confirms the deletion and proceeds with removing the Template record.
    - **No**: Cancels the delete action without making any changes.
  - **Expected Outcome**: The Template record is deleted only when the user confirms by selecting **Yes.**

- **Delete Execution:**
  - **Description**: After confirmation, the system marks the Template master record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected Template record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated branches, inventory, or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete Template as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:
    - **Display Message**:
      - Upon successful deletion, display a success message such as:
        - " Template has been successfully deleted."
    - **Expected Outcome**: The user receives confirmation that the record was deleted.
- **Refresh Table View**
  - **Description**: Updates the Template Master table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted Template record from the list in the table view.
    - **Pagination Update**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

    - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
- **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.5.4.6 Data Requirements

None.

1.5.4.7 Non-Functional Requirements

None.

1.5.4.8 Configurations

None

1.5.4.9 Flowchart

None.

1.5.4.10 Additional Notes

None.

1.5.5 Create Stone Rate Template

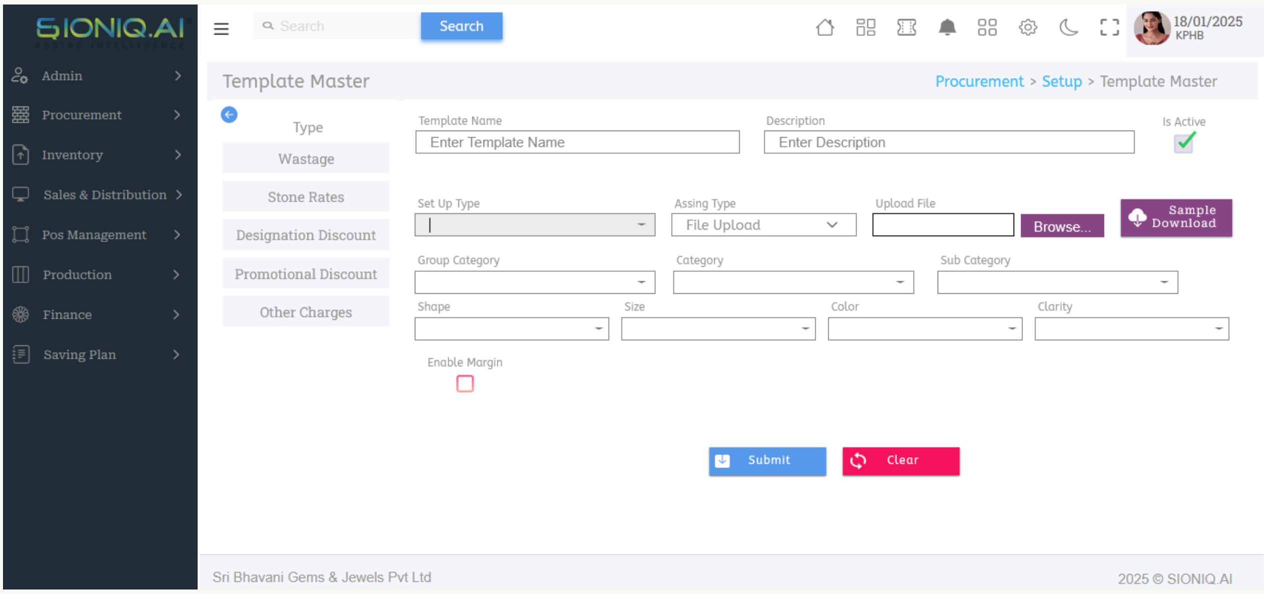
1.5.5.1 Purpose

The Create Stone Rate functionality is designed to establish and manage the pricing structure for various stones used in jewellery manufacturing and trading. This feature ensures accurate cost estimation, seamless rate updates, and integration with pricing workflows.

1.5.5.2 User Type

Registered Users, Admins.

1.5.5.3 Screen Layout



1.5.5.4 UI Elements

- **Action on New Button Click**
  - **Function:** When the New button is clicked on Template Master, the user will be directed to a new page that provides an interface to create a new Template master record.
  - Users can select from left side the following categories types:
    - Wastage
    - Stone Rates
    - Designation Discount
    - Promotional Discounts
    - Other Charges

- **Stones Rates**
  - **Template Name**
    - **Type:** Text Input
    - **Label:** Template
    - **Editable:** Yes
    - **Description:** Enter the Template for the template record.
    - **Validation:** Required field

  - **Description**
    - **Type:** Text Input
    - **Label:** Description
    - **Editable:** Yes

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Description:** Enter the Description for the template record.
- **Validation:** Required field

- **Is Active**
  - **Type:** Checkbox
  - **Label:** Is Active
  - **Editable:** Yes
  - **Description:** Check this box to mark the template record as active.
  - **Validation:** Required field

- **Setup Type**
  - **Type:** Multi-Selection Dropdown
  - **Label:** Setup Type
  - **Editable:** Yes
  - **Description:** Select one or more setup types applicable for this template.
  - **Options:**
    - Stone Group Category
    - Stone Category
    - Stone Sub Category
    - Shape (Category 1)
    - Size (Category 2)
    - Colour (Category 3)
    - Clarity (Category 4)
  - **Behaviour**
    - **Stone Group Category**
      - Selecting this option enables the selection of broad **stone groupings** (e.g., Diamond, Gemstone, Synthetic).
      - Other dependent fields may be **filtered** based on the chosen group.
    - **Stone Category**
      - Allows selection of **specific stone types** under the selected group (e.g., Ruby, Sapphire, Emerald).
      - If no **Stone Group Category** is selected, all available stone categories are displayed.
      - If a **Stone Group Category** is selected, only relevant stone categories appear.
    - **Stone Sub Category**
      - Provides more refined classification (e.g., Natural Diamond, Lab-Grown Diamond).
      - Selection depends on the chosen **Stone Category**.

- If no **Stone Category** is selected, this field remains disabled or shows all available options.
- **Shape (Category 1)**
  - Allows selection of **stone shapes** (e.g., Round, Oval, Pear).
  - Selection may filter **Size** and **Colour** options.
- **Size (Category 2)**
  - Enables input of **stone size options** (e.g., 0.25ct, 0.50ct, 1.00ct).
  - If **Shape** is selected, available sizes are filtered accordingly.
  - Size selection may impact available **Clarity** and **Colour** options.
- **Colour (Category 3)**
  - Allows choosing **stone colours** (e.g., D, E, F for diamonds; Red, Blue, Green for gemstones).
  - Selection depends on the **Stone Group Category** and **Stone Category**.
  - May impact clarity options (e.g., higher clarity stones may have limited colour options).
- **Clarity (Category 4)**
  - Allows selecting **clarity grades** (e.g., IF, VVS1, VS2 for diamonds).
  - Selection depends on the **Stone Group Category** and **Stone Category**.
  - May be restricted based on the **Size** and **Colour** selections.

- **Description:** Select one or more setup types applicable for this template. If any of the selected options below are chosen, details will update based on Stone Master.

- **Assign Type**
  - **Type:** Dropdown
  - **Label:** Assign Type
  - **Editable:** Yes
  - **Description:** Select how the assignment should be handled for this template.
  - **Options:**
    - Regular
    - File Upload
  - **Behavior:**
    - **Regular**
      - Enables **manual input fields** for data entry.
      - The user can enter values directly into the form.
      - No file selection or upload functionality is displayed.
      - Suitable for entering small sets of data.
    - **File Upload**
      - Displays a **file upload section** instead of manual input fields.

- The user must **browse and select** a file for upload.

- **Description:** Select one or more setup types applicable for this template. If any of the selected options below are chosen, details will update based on Stone Master.

- **Actions Buttons:**
  - **Back (Button):**
    - **Type:** Button
    - **Label:** Back
    - **Action:** Navigate back to the previous screen.
  - **Submit (Button):**
    - **Type:** Button
    - **Label:** Submit
    - **Action:** Save the template record to the system.
  - **Clear (Button):**
    - **Type:** Button
    - **Label:** Clear
    - **Action:** Reset all fields in the form to their default state

1.5.5.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action**: The form submission is triggered when the user clicks the Submit button, provided all required fields (Type, Template name and Description) for template master are populated with valid values.
    - **Outcome**:
      - **Create Operation**: If it is a new entry, the system saves the new template master to the database.
      - **Update Operation**: If editing an existing entry, the system updates the existing template master record in the database.

- **Mandatory Fields**
  - **Fields**: Type, Template Name, Description, Status, Action are mandatory fields that must be completed.
  - **Behaviour**:
    - Users are required to enter valid values for each of the mandatory fields.
    - If any mandatory field is left blank, the form submission will be blocked, and an error message will be displayed indicating the missing fields.
  - **Conditional Validation**
    - **Field Format Validation**

- **Type**: The field must contain a Type.
- **Template Name**: The field must contain a Template Name.
- **Description**: The field must contain a Description.
- **Status**: This field accepts only numeric values.
- **Action**: This field accepts only numeric values.

- **Error Messages**
  - **Submit Attempt with Missing Values**
    - **Condition**: This condition occurs if one or more required fields are left empty when the user clicks the Submit button.
    - **Behaviour**: The system will display specific error messages indicating which fields are missing values.
    - **Message Examples**:
      - "Type is required" if the Location field is empty.
      - “Template Name is required" if the Location field is empty.
      - "Description is required" if the Group Category field is empty.
- **Behaviour**
  - **Successful Submission**
    - If all required fields are correctly filled in, the form data will be saved to the database, and a confirmation message, such as "Record saved successfully," will be displayed to the user.
  - **Form Reset**
    - Clicking the **Clear** button will reset all form fields to their default values after the user confirms the action.
  - **Navigation**
    - Clicking the **Previous** button will discard any unsaved changes and navigate the user back to the Template Master Table View.

1.5.5.6 Data Requirements

- **Set Up Type**
  - **Source:** Dynamically generated from the **Stone Category Setup Table**.
  - **Usage:** Populates the multi-selection checkbox dropdown in the Template Creation Form.
  - **Details:** Ensures accuracy and consistency in template data by dynamically reflecting available stone categories.
- **Stone Group Category**
  - **Source:** Retrieved from the **Stone Group Category Table**.
  - **Usage:** Populates the dropdown for selecting a stone group category in the Template Creation Form.

- **Details:** Maintains data integrity by ensuring accurate and consistent selection of stone group categories.

- **Stone Category**
  - **Source:** Retrieved from the **Stone Category Table**.
  - **Usage:** Populates the dropdown for selecting a stone category in the Template Creation Form.
  - **Details:** Ensures data accuracy by allowing users to select from predefined stone categories.
- **Stone Sub Category**
  - **Source:** Retrieved from the **Stone Sub Category Table**.
  - **Usage:** Populates the dropdown for selecting a stone sub-category in the Template Creation Form.
  - **Details:** Provides structured classification, ensuring consistency and accuracy in stone sub-category selection.
- **Stone Dynamic Category**
  - **Source:** Retrieved from the **Stone Dynamic Category Table**.
  - **Usage:** Populates the dropdown for selecting a dynamically categorized stone in the Template Creation Form.
  - **Details:** Ensures flexible and accurate classification of dynamically created stone categories

1.5.5.7 Non-Functional Requirements

None.

1.5.5.8 Configurations

None.

1.5.5.9 Flowchart

None.

1.5.5.10 Additional Notes

None.

1.5.6 Update Template

1.5.6.1 Purpose

The Update Stone Rates functionality allows users to modify existing stone prices based on market fluctuations, quality changes, and business requirements. It ensures accurate pricing across inventory, sales, and purchase modules while maintaining historical rate tracking. This feature supports bulk updates and

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

validations to prevent errors and inconsistencies. Regular updates help maintain competitive and transparent pricing in jewellery operations.

1.5.6.2 User Type

Admin & Register Users

1.5.6.3 Screen Layout

Same Create Stone Rate Template Layout.

1.5.6.4 UI Elements

Same like Create Stone Rate Template layout

1.5.6.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process is initiated by clicking the Edit button in the Action column of the Template master.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Template existing details (Type, Template Name, Description, must not be empty) into the template master form.
      - Pre-populates the form fields with the current values of the selected template record for editing.
  - **Expected Outcome:** The template master form is populated with the selected template's current data, ready for modification.

- **Modify Purity Details:**
  - **Description:** Allows users to change one or more fields in the template master record, such as and the remaining checkboxes.
  - **Fields Available for Update:**
    - **Type**
    - **Data Type:** String
    - **Values:** Stone Rate
    - **Description:** Displays the type of template, such as Stone Rate.
    - **Functionality:** Users can update the type to categorize the template accordingly.
  - **Template Name**
    - **Data Type:** String
    - **Values:** Premium Customers, Regular Customers, Premium Dealers, Regular Dealers
    - **Description:** Displays the name assigned to the template for classification.

- **Functionality:** Users can modify the template name to suit different customer or dealer categories.
- **Description**
  - **Data Type:** String
  - **Values:** Interest on Balance, Weight Range Wise, 15 Days Credit, 45 Days Credit
  - **Description:** Provides additional details about the template's purpose and criteria.
  - **Functionality:** Users can update the description to reflect any changes in template conditions or policies.
- **Fields Available for Update:**
  - **Type:** Modify the type to ensure alignment with the updated template category.
    - **Condition:** If any transaction entry is associated with the Type, it cannot be modified or edited in the Template Master.
  - **Template Name:** Update the Template Name to reflect necessary changes.
  - **Description:** Update the Description to reflect necessary changes.
- **Expected Outcome:** Users can update all editable fields before saving the record.

- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets validation requirements before submission.
    - **Validation Criteria:**
      - **Mandatory Fields:** (Type, Template Name, Description) for Template master must not be empty.
    - **Error Handling:** If validation fails, display specific error messages to guide the user (e.g., "Type, Template Name, Description, Status, Action").
  - **Expected Outcome:** All required fields are validated, and any errors are shown to the user before submission.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Template master data to the database and refreshes the table to reflect changes.
      - Displays a success message to confirm the update (e.g., "Template Master details have been successfully updated").
  - **Expected Outcome:** The updated template is stored in the database, and the user receives confirmation of the successful update.

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the Template master record.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Functionality:**
    - **Cancel Option:** Users can cancel the update operation by closing the form or clicking a "Previous" button.
    - **Expected Outcome:** The form closes without saving changes, leaving the original template master record intact.

○ **Confirmation Message**

- **Purpose:** Notifies the user of the successful completion of the update operation.
- **Functionality:**
    - **Display message:** upon a successful update (e.g., "Template Master have been successfully updated").
- **Expected Outcome:** The confirmation message assures the user that the changes were saved.

1.5.6.6 Data Requirements

None.

1.5.6.7 Non-Functional Requirements

None.

1.5.6.8 Configurations

None.

1.5.6.9 Flowchart

None.

1.5.6.10 Additional Notes

None.

1.5.7 Remove Template

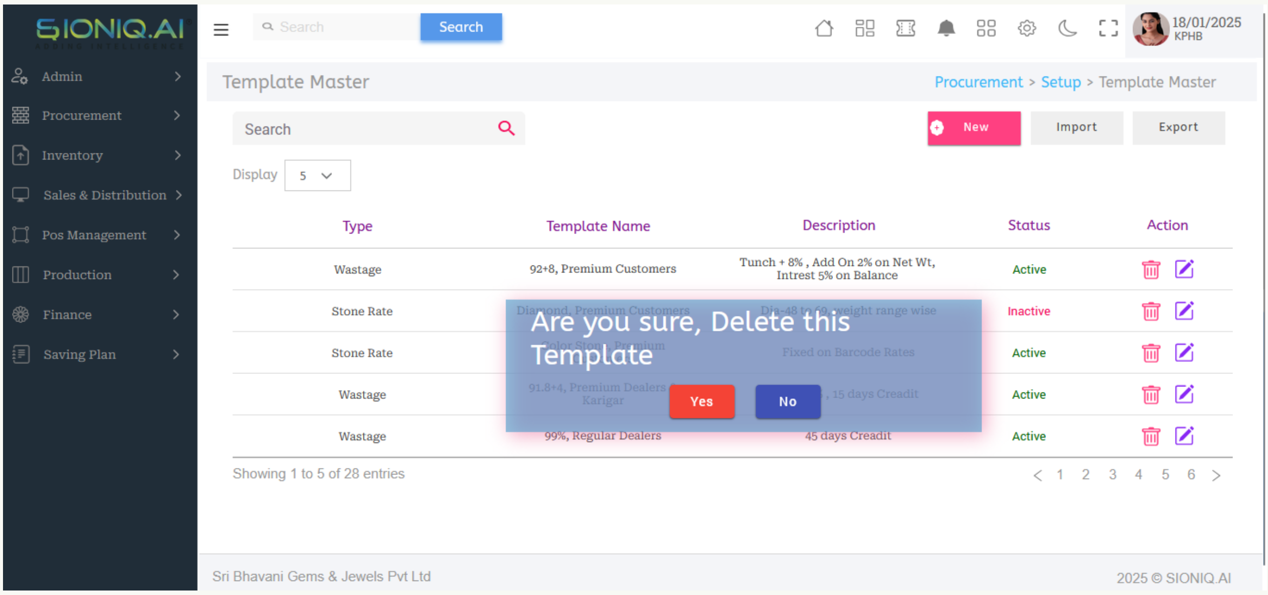
1.5.7.1 Purpose

The Remove Stone Rates functionality allows users to delete outdated or incorrect stone pricing records to maintain data accuracy. It helps prevent the use of obsolete rates in transactions, ensuring consistency in jewellery costing. This feature includes validation checks to avoid accidental deletions. Removing unnecessary rates optimizes database performance and streamlines pricing management.

1.5.7.2 User Type

Admin & Register Users

1.5.7.3 Screen Layout



1.5.7.4 UI Elements

None.

1.5.7.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for Template.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.

- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the Delete button in the Action column of the template table.
  - **Functionality**:
    - **Delete Button Action**:
      - Prompts the user with a delete confirmation message to prevent accidental deletion.
    - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.

- **Delete Confirmation Prompt**

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
- **Functionality**:
  - **Confirmation Message**:
    - When the Delete button is clicked, the system displays a warning message:
      - "Are you sure you want to delete this Template?"
  - **Options**:
    - **Yes**: Confirms the deletion and proceeds with removing the Template record.
    - **No**: Cancels the delete action without making any changes.
  - **Expected Outcome**: The Template record is deleted only when the user confirms by selecting **Yes.**

- **Delete Execution:**
  - **Description**: After confirmation, the system marks the Template master record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected Template record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated branches, inventory, or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete Template as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:
    - **Display Message**:
      - Upon successful deletion, display a success message such as:
        - " Template has been successfully deleted."
    - **Expected Outcome**: The user receives confirmation that the record was deleted.
- **Refresh Table View**
  - **Description**: Updates the Template Master table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted Template record from the list in the table view.
    - **Pagination Update**:

    - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
- **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.5.7.6 Data Requirements

None.

1.5.7.7 Non-Functional Requirements

None.

1.5.7.8 Configurations

None

1.5.7.9 Flowchart

None.

1.5.7.10 Additional Notes

None.

1.6 Vendor Wastage

Vendor Wastage Management tracks and controls material wastage by vendors during jewellery production. It ensures accurate recording, reduces losses, and improves vendor accountability. The system enhances cost efficiency by integrating with inventory and production processes.

1.6.1 Data View

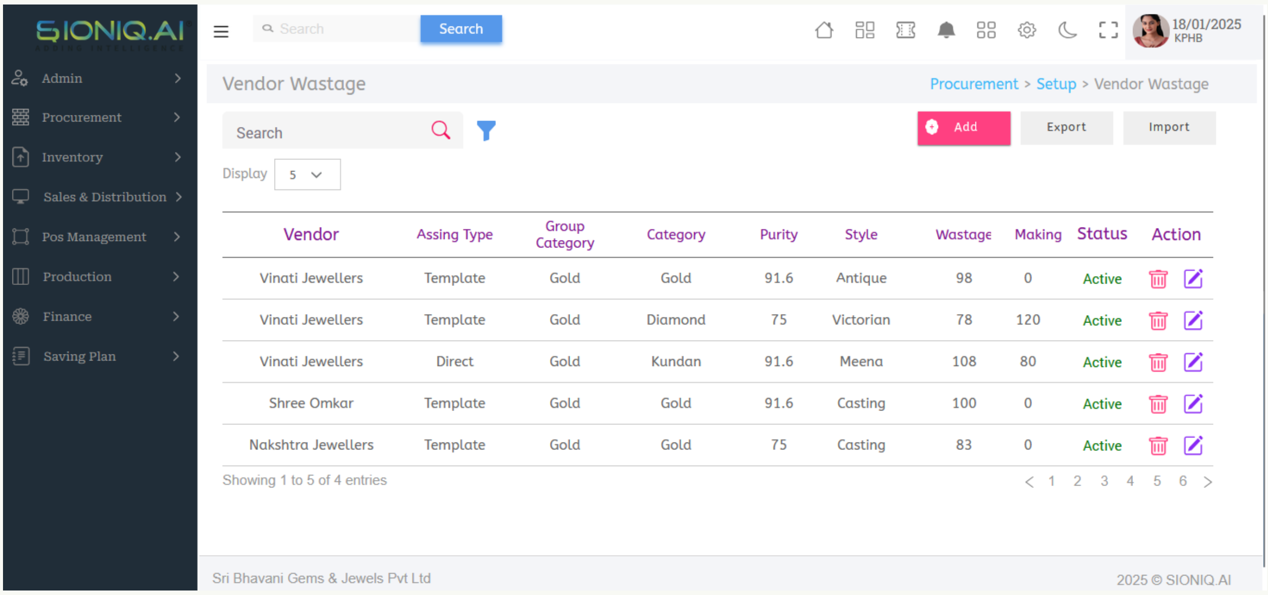
1.6.1.1 Purpose

The Data View in Vendor Wastage Management provides a detailed overview of vendor-wise material wastage, including type, quantity, and cost. It ensures transparency and helps track wastage trends for better control. This enables businesses to optimize resources and improve vendor accountability.

1.6.1.2 User Type

Registered Users, Admins.

1.6.1.3 Screen Layout



1.6.1.4 UI Elements

- **Search Option**
  - **Description**: A search bar located at the top of the data view section to filter the Vendor Wastage records displayed in the table.
  - **Functionality**:
    - Enabled users to search by Vendor, Assing Type, Group Category, Category, Purity, Style, Wastage, Making, Status, Action.
    - Dynamically updates the displayed table to show only results that match the search query.

- **Display Dropdown**
  - **Description**: A dropdown control to set the number of rows shown in the table at once.
  - **Options**: Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality**:
    - Allows users to control the number of Vendor Wastage records displayed per page.
    - Updates the table view immediately based on the selected number of rows.

- **Buttons**
  - **New Button**
    - **Label**: "New"
    - **Functionality**: Opens the Vendor Wastage form to add a New Vendor Wastage record.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)

- **Functionality**: Allows users to export the displayed Vendor Wastage data in various file formats (Excel).
- **Export Options**:
  - Exports all or filtered data based on the current table view and search filter.

- **Import Button**
  - **Label**: "Import" (or Icon button as specified)
  - **Functionality**: Redirects to the Import Form page, where users can upload Vendor Wastage data.

- **Tabular View**
  - **Description**: The Tabular View provides a comprehensive and structured representation of all Vendor Wastage details registered in the system. It enables users to view, manage, and perform actions on Wastage data efficiently.
  - **Columns**:
    - **Vendor**: Displays the name of the vendor (e.g. Vinathi Jewellers, Omkar Jewellers).
    - **Assing Type**: Specifies how wastage is assigned (e.g., Template, Direct, Fixed, Percentage, etc.).
    - **Group Category**: The main category grouping (e.g., Gold, Silver, Diamond).
    - **Category:** The specific category under the group (e.g., Gold, Diamond, Kundan).
    - **Purity:** Indicates the purity level of the material (e.g., 91.6, 75k, 18K, 22K, 24K for gold).
    - **Style:** Represents the design/style of the jewellery (e.g. Antique, Casting, Meena, Victorian etc).
    - **Wastage:** The wastage percentage or value applied to the vendor (e.g. 98, 78, 100, etc).
    - **Making:** The making charge applied for the vendor (e.g. 100, 80, etc).

  - **Status Values**:
    - **Active**: If the checkbox is checked in the form.
    - **Inactive**: If the checkbox is unchecked in the form.
  - **Action**:
    - **Delete**: Deletes the selected Vendor Wastage record (permission-based).
    - **Functionality**: Triggers a delete confirmation prompt before +proceeding.
    - **Edit**: Allows modification of the Vendor Wastage information (permission-based).
    - **Functionality**: Opens the Vendor Wastage form populated with the selected Vendor Wastage data for editing.

- **Paging for Table View**
  - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of Vendor Wastage records.
  - **Functionality**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
- Shows page numbers to allow users to jump directly to specific pages.
- Updates the displayed Wastage master records based on the selected page.

1.6.1.5 Functional Requirements

Refer to the above **UI Elements** section for specific functionalities associated with each element.

1.6.1.6 Data Requirements

- **Data Source**
  - The data displayed in the Vendor Wastage Tabular View is sourced from the Vendor Wastage Master Table.
  - **Fields and Requirements**:
    - **Vendor**: Displays the vendor's name associated with the wastage details.
    - **Assign Type**: Displays the assignment type, such as “Template” “Direct” "Fixed" or "Percentage".
    - **Group Category**: Displays the main category, such as Gold, Silver, Diamond.
    - **Category**: Displays the jewellery category, such as Gold, Diamond, Kundan.
    - **Purity**: Displays the purity level, such as 91.6, 75k, 18K, 22K, 24K.
    - **Style**: Displays the style of the jewellery, such as Casting, Meena, Victorian, Antique.
    - **Wastage**: Displays the wastage percentage or value applied to the vendor.
    - **Making Charges**: Displays the making charges applicable to the vendor.
  - **Status**: Displays the current status of the Vendor Wastage (e.g., Active or Inactive).
  - **Action**: Provides options to Edit or Delete the respective Vendor Wastage record.

- **Usage**
  - The table data is used for operational decisions, navigation, and reporting. All fields are searchable and filterable based on the requirements.

1.6.1.7 Non-Functional Requirements

None.

1.6.1.8 Configurations

- **Functionality**:
  - **Permission Settings**: Controls the visibility and accessibility of buttons and actions based on user roles or permissions.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Available Permissions**:
  - **Add Vendor Wastage Permission**: Grants access to the "Add" button.
  - **Export Permission**: Grants access to the Export button for exporting data.
  - **Import Permission**: Grants access to the Import button for importing data.
  - **Edit Permission**: Allows users to access the Edit button in the Action column to modify records.
  - **Delete Permission**: Allows users to access the Delete button in the Action column to delete records.
- **Permission Assignment**: Admins or authorized users can assign permissions to individual users or user roles.

1.6.1.9 Flowchart

None.

1.6.1.10 Additional Notes

None.

1.6.2 Create Vendor Wastage

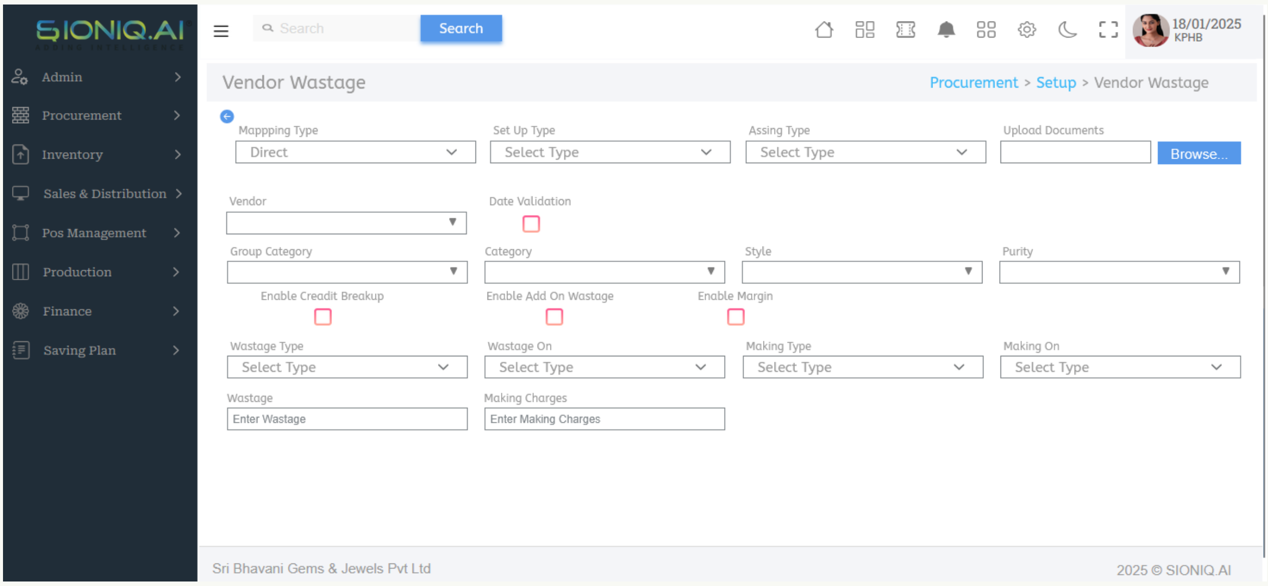
1.6.2.1 Purpose

The Create Vendor Wastage module records material wastage by vendors, including type, quantity, and cost. It helps track vendor efficiency, minimize losses, and improve cost control. This ensures transparency and accountability in jewellery production.

1.6.2.2 User Type

Registered Users, Admins.

1.6.2.3 Screen Layout



1.6.2.4 UI Elements

- **Mapping Type**
  - **Type**: Dropdown
  - **Label**: Mapping Type
  - **Editable**: Yes
  - **Description**: Select the mapping type to define the relationship between the vendor and wastage rules.
  - **Options**:
    - Direct
    - Template
    - Vendor to Vendor Mapping
  - **Validation**: Required field

UI Elements for "Vendor to Vendor Mapping" Selection

- **Retrieve from Vendor**
  - **Type**: Dropdown
  - **Label**: Retrieve from Vendor
  - **Editable**: Yes
  - **Description**: Select the vendor whose assigned wastage rules need to be retrieved.
  - **Options**: Import Vendor’s

    - **Source**: Vendor Wastage Table
  - **Validation**: Required field

- **Sync to Vendor**
  - **Type**: Dropdown
  - **Label**: Sync to Vendor
  - **Editable**: Yes
  - **Description**: Select the vendor to whom wastage rules will be synced.
  - **Options**: Import Vendor's
    - **Source**: Vendor Table
  - **Validation**: Required field
  - **Behavior**: Displays only vendors who have not been assigned wastage rules.
- **Upload File**
  - **Type**: File Upload
  - **Label**: Upload File
  - **Editable**: Yes
  - **Description**: Upload a file containing vendor wastage details.
  - **Validation**: Required field (Only CSV, XLSX, or other supported formats)

UI Elements for "Template" and "Direct" Selection

- **Setup Type**
  - **Type**: Dropdown
  - **Label**: Setup Type
  - **Editable**: Yes
  - **Description**: Choose how the vendor wastage rules will be set up.
  - **Options**: Import Article's
    - **Source**: Article Master
  - **Validation**: Required field
- **Assign Type**
  - **Type**: Dropdown

- **Label**: Assign Type
- **Editable**: Yes
- **Description**: Define how the wastage is assigned to the vendor.
- **Options**:
  - Classification
  - Vendor
  - Vendor – Cost Centre
- **Validation**: Required field

- **Upload File**
  - **Type**: File Upload
  - **Label**: Upload File
  - **Editable**: Yes
  - **Description**: Upload a file containing vendor wastage details.
  - **Validation**: Required field (Only CSV, XLSX, or other supported formats)

Conditional UI Elements Based on "Assign Type" Selection

- **Classification**
  - **Type**: Dropdown
  - **Label**: Classification
  - **Editable**: Yes
  - **Description**: Select the classification for vendor wastage assignment.
  - **Options**: Import Classification
    - **Source**: Vendor Classification Table
  - **Validation**: Required field
  - **Behavior**: Displays when "Assign Type" is set to "Classification".
- **Vendor**
  - **Type**: Dropdown
  - **Label**: Vendor
  - **Editable**: Yes
  - **Description**: Select the vendor for wastage assignment.

- **Options**: Import Vendor
  - **Source**: Vendor Table
- **Validation**: Required field
- **Behavior**: Displays when "Assign Type" is set to "Vendor" or "Vendor – Cost Centre".

- **Cost Center**
  - **Type**: Dropdown
  - **Label**: Cost Center
  - **Editable**: Yes
  - **Description**: Select the cost center for vendor wastage assignment.
  - **Options**: Import Vendor Cost Center
    - **Source**: Vendor Table
  - **Validation**: Required field
  - **Behavior**:
    - Displays when "Assign Type" is set to "Vendor – Cost Centre".
    - Filters based on the selected Vendor.

Date Validation UI Elements

- **Date Validation**
  - **Type**: Checkbox
  - **Label**: Date Validation
  - **Editable**: Yes
  - **Description**: Enable validation for assigned wastage based on a date range.
  - **Validation**: Optional
  - **Behavior**:
    - When checked, displays "From Date" and "To Date" fields.
    - When unchecked, hides "From Date" and "To Date" fields.
- **From Date**
  - **Type**: Date Input
  - **Label**: From Date
  - **Editable**: Yes

- **Description**: Specifies the starting date for assigned wastage validation.
- **Validation**: Required if "Date Validation" checkbox is checked.

- **To Date**
  - **Type**: Date Input
  - **Label**: To Date
  - **Editable**: Yes
  - **Description**: Specifies the ending date for assigned wastage validation.
  - **Validation**: Required if "Date Validation" checkbox is checked.

Category and Purity Selection UI Elements

- **Group Category**
  - **Type**: Multi-Selection Dropdown
  - **Label**: Group Category
  - **Editable**: Yes
  - **Description**: Select the group category for vendor wastage assignment.
  - **Options**: Import Group Category
    - **Source**: Group Category Table
  - **Validation**: Required field
- **Purity**
  - **Type**: Multi-Selection Dropdown
  - **Label**: Purity
  - **Editable**: Yes
  - **Description**: Select the purity levels applicable for vendor wastage.
  - **Options**: Import Purity
    - **Source**: Purity Table
  - **Validation**: Required field

Conditional UI Elements Based on "Setup Type" Selection

- **Category**
  - **Type**: Multi-Selection Dropdown
  - **Label**: Category

- **Editable**: Yes
- **Description**: Select the category for vendor wastage assignment.
- **Options**: Import Category
  - **Source**: Category Table
- **Validation**: Required field
- **Behavior**:
  - Displays when "Setup Type" is set to "Category" or any dynamic category.
  - Filters based on the selected Group Category.

- **Dynamic Categories**
  - **Type**: Multi-Selection Dropdown
  - **Label**: Dynamic Category Alias Name
  - **Editable**: Yes
  - **Description**: Select the dynamic category alias for vendor wastage assignment.
  - **Options**: Import Dynamic Category
    - **Source**: Dynamic Category Table
  - **Validation**: Required field
  - **Behavior**:
    - Displays when "Setup Type" is set to "Dynamic Category".
    - Filters based on the selected Group Category and Category.

Template Selection UI Elements

- **Template**
  - **Type**: Dropdown
  - **Label**: Template
  - **Editable**: Yes
  - **Description**: Select the vendor wastage template for assignment.
  - **Options**: Import Wastage Templates
    - **Source**: Procurement Template Table
  - **Validation**: Required field

Direct Selection UI Elements

- **Enable Credit Breakup**
    - **Type:** Checkbox
    - **Label:** Enable Credit Breakup
    - **Editable:** Yes
    - **Description:** Check this box to enable credit breakup for this template.
    - **Validation:** Optional field

- **Enable Add on Wastage**
    - **Type:** Checkbox
    - **Label:** Enable Add on Wastage
    - **Editable:** Yes
    - **Description:** Check this box to enable additional wastage for this template.
    - **Validation:** Optional field
- **Enable Margin**
    - **Type:** Checkbox
    - **Label:** Enable Margin
    - **Editable:** Yes
    - **Description:** Check this box to enable margin for this template.
    - **Validation:** Required field
- **Wastage Type**
    - **Type:** Dropdown
    - **Label:** Wastage Type
    - **Editable:** Yes
    - **Description:** Select the wastage type for the template.
    - **Options:**
        - Purity Percentage
        - Tunch

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Wastage
- Direct Wastage

- **Behavior:**
  - **Purity Percentage:** Wastage is calculated based on the purity percentage of the metal.
  - **Tunch:** Wastage is determined by the tunch value, a measurement of gold purity.
  - **Wastage:** Direct wastage is applied as per predefined values.
  - **Direct Wastage:** A fixed wastage weight is applied directly.

○ **Wastage On**

- **Type:** Dropdown
- **Label:** Wastage On
- **Editable:** Yes
- **Description:** Select how wastage is calculated for the template.
- **Options:**
  - Gross Weight
  - Net Weight
  - Calculated
- **Behavior:**
  - **Gross Weight:** Wastage is calculated on the total weight of the item.
  - **Net Weight:** Wastage is calculated based on the net weight (excluding additional elements like stones).
  - **Calculated:** Wastage is dynamically calculated based on additional parameters.

○ **Making Type**

- **Type:** Dropdown
- **Label:** Making Type
- **Editable:** Yes
- **Description:** Select the making type for the template.
- **Options:**
  - Per Gram
  - Per Unit
  - Direct
- **Behavior:**
  - **Per Gram:** Making charges are applied based on weight per gram.
  - **Per Unit:** Making charges are applied per item (fixed cost per piece).
  - **Direct:** Making charges are predefined and directly applied.

○ **Making On**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Type:** Dropdown
- **Label:** Making On
- **Editable:** Yes
- **Description:** Select how making charges are applied for the template.
- **Options:**
    - Gross Weight
    - Net Weight
    - Wastage + Gross Weight
    - Wastage + Net Weight
    - Wastage
    - Calculated
- **Behavior:**
    - **Gross Weight:** Making charges are applied to the total weight.
    - **Net Weight:** Making charges are applied to the weight excluding additional elements.
    - **Wastage + Gross Weight:** Making charges are applied based on both wastage and total weight.
    - **Wastage + Net Weight:** Making charges are calculated on wastage plus net weight.
    - **Wastage:** Making charges are applied only to wastage weight.
    - **Calculated:** Making charges are derived dynamically based on multiple parameters.

- **Wastage**
    - **Type:** Text Input
    - **Label:** Wastage
    - **Editable:** Yes
    - **Description:** Enter the wastage value for the template.
    - **Validation:**
        - **Required:** Yes
        - **Character Limit:** 10 characters
        - **Allowed Characters:** Numeric values only.

- **Making Charges**
    - **Type:** Text Input
    - **Label:** Making Charges
    - **Editable:** Yes
    - **Description:** Enter the making charges for the template.
    - **Validation:**
        - **Required:** Yes

- **Character Limit:** 10 characters
- **Allowed Characters:** Numeric values only.

Fields Displayed When "Enable Credit Breakup" is Checked

- **From Day**
  - **Type:** Text Input
  - **Label:** From Day
  - **Editable:** Yes
  - **Description:** Enter the starting day for the credit breakup period.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 05 characters
    - **Allowed Characters:** Numeric values only.
- **To Day**
  - **Type:** Text Input
  - **Label:** To Day
  - **Editable:** Yes
  - **Description:** Enter the ending day for the credit breakup period.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 05 characters
    - **Allowed Characters:** Numeric values only.
- **Credit Name**
  - **Type:** Text Input
  - **Label:** Credit Name
  - **Editable:** Yes
  - **Description:** Enter the credit name for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters
    - **Allowed Characters:** Numeric, Letters, Space, and Special characters.
- **Enable Interest**
  - **Type:** Checkbox

- **Label:** Enable Interest
- **Editable:** Yes
- **Description:** Check this box to enable interest for this template.
- **Validation:** Optional field

- **Enable Margin**
  - **Type:** Checkbox
  - **Label:** Enable Margin
  - **Editable:** Yes
  - **Description:** Check this box to enable margin for this template.
  - **Validation:** Optional field

- **Enable Add on Wastage**
  - **Type:** Checkbox
  - **Label:** Enable Add on Wastage
  - **Editable:** Yes
  - **Description:** Check this box to enable additional wastage for this template.
  - **Validation:** Optional field

Fields Displayed When "Enable Interest" is Checked

- **Interest %**
  - **Type:** Text Input
  - **Label:** Interest %
  - **Editable:** Yes
  - **Description:** Enter the interest percentage for the template.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 06 characters
    - **Allowed Characters:** Numeric values only.
- **Interest On**
  - **Type:** Dropdown
  - **Label:** Interest On
  - **Editable:** Yes
  - **Description:** Select the method for calculating interest.
  - **Options:**
    - Voucher Balance
    - Voucher Pure Weight

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Voucher Wastage
- Voucher Gross Weight
- Voucher Net Weight
- Bill Amount

- **Behavior:**
  - **Voucher Balance**
    - Interest is calculated on the remaining balance of the voucher.
    - If the balance is zero, no interest is applied.
  - **Voucher Pure Weight**
    - Interest is calculated based on the **pure weight** of the metal in the voucher.
    - Pure weight = (Net weight × Purity percentage).
    - Used when interest is determined by the actual precious metal content.
  - **Voucher Wastage**
    - Interest is applied to the **wastage value** recorded in the voucher.
    - Typically used when wastage is an essential cost factor in pricing.
  - **Voucher Gross Weight**
    - Interest is calculated on the **total gross weight** of the item.
    - Includes stones, beads, and other elements along with the metal.
  - **Voucher Net Weight**
    - Interest is applied only on the **net metal weight** (excluding stones and non-metal parts).
    - Commonly used for transactions based on the actual weight of the metal.
  - **Bill Amount**
    - Interest is calculated on the **total invoice/bill amount**.
    - Includes all charges such as metal cost, wastage, making charges, and taxes.
    - Used when interest is applied at the financial level rather than weight-based.

Fields Displayed When "Enable Margin" is Checked

- **Margin on Wastage**
  - **Type:** Text Input
  - **Label:** Margin on Wastage
  - **Editable:** Yes
  - **Description:** Enter the margin percentage for wastage.
  - **Validation:**
    - **Required:** Optional
    - **Character Limit:** 10 characters
    - **Allowed Characters:** Numeric values only.
- **Margin on Making**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Type:** Text Input
- **Label:** Margin on Making
- **Editable:** Yes
- **Description:** Enter the margin percentage for making charges.
- **Validation:**
    - **Required:** Yes
    - **Character Limit:** 20 characters
    - **Allowed Characters:** Numeric values only.

Fields Displayed When "Enable Add on Wastage" is Checked

- **Add On Wastage %**
    - **Type:** Text Input
    - **Label:** Add On Wastage %
    - **Editable:** Yes
    - **Description:** Enter the additional wastage percentage.
    - **Validation:**
        - **Required:** Yes
        - **Character Limit:** 20 characters
        - **Allowed Characters:** Numeric values only.
- **Add On Wastage On**
    - **Type:** Dropdown
    - **Label:** Add On Wastage On
    - **Editable:** Yes
    - **Description:** Select how the additional wastage is applied.
    - **Options:**
        - Select Type
        - Gross Weight
        - Net Weight
        - Wastage + Gross Weight
        - Wastage + Net Weight
        - Wastage
        - Calculated
    - **Behavior:**
        - **Gross Weight:** Making charges are applied to the total weight.
        - **Net Weight:** Making charges are applied to the weight excluding additional elements.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Wastage + Gross Weight:** Making charges are applied based on both wastage and total weight.
- **Wastage + Net Weight:** Making charges are calculated on wastage plus net weight.
- **Wastage:** Making charges are applied only to wastage weight.
- **Calculated:** Making charges are derived dynamically based on multiple parameters.

- **Is Active**
  - **Type**: Checkbox
  - **Label**: "Is Active"
  - **Editable**: Yes
  - **Default Value**: Checked (True)
  - **Behavior**:
    - **Checked**: The Alloy is marked as active and visible in the system (e.g., dropdowns, lists).
    - **Unchecked**: The Alloy is inactive but remains in the database.

- **Submit Button**
  - **Type**: Button
  - **Label**: "Submit"
  - **Editable**: No (Standard Button)
  - **Description**: Submits the filled form data to the database.
  - **Validation**:
    - **Required Fields**: Ensures all mandatory fields are filled and validated.
  - **Behavior**:
    - **Successful Submission**: Form data is saved to the database.
    - **Failed Validation**: Displays an error message highlighting the fields requiring correction.

- **Clear Button**
  - **Type**: Button
  - **Label**: "Clear"
  - **Editable**: No (Standard Button)
  - **Description**: Resets or clears all form fields, enabling a fresh start.
  - **Validation**: None required.

- **Behavior**:
    - **Reset Form Fields**: Clears all data entered in the form fields.
    - **Confirmation Prompt**: Prompts the user to confirm the action to prevent accidental data loss.

- **Previous Button**
    - **Type**: Button
    - **Label**: "Previous Icon"
    - **Editable**: No (Standard Button)
    - **Description**: Closes the Alloy Creation Form and returns the user to the main Alloy table view, discarding unsaved changes.
    - **Validation**: None required.

1.6.2.5 Functional Requirements

- **Actions**
    - **Submit Button Click**
        - **Action**: Triggers form submission if all required fields contain valid values.
        - **Outcome**:
            - Create Operation: If it's a new entry, saves the vendor wastage mapping details.
            - Update Operation: If an existing entry is modified, updates the respective vendor wastage record.
- **Validation**
    - Mandatory Fields
        - **Fields**: The following fields are required for submission based on the selected mapping type:
            - **General Mandatory Fields**:
                - Mapping Type
            - **For "Vendor to Vendor Mapping" Selection**:
                - Retrieve from Vendor
                - Sync to Vendor
                - Upload File (if applicable)
            - **For "Template" Selection**:
                - Setup Type
                - Assign Type
            - **Conditional Mandatory Fields Based on Assign Type**:

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Classification (if Assign Type = Classification)
- Vendor (if Assign Type = Vendor or Vendor – Cost Centre)
- Cost Center (if Assign Type = Vendor – Cost Centre)

- **Date Validation (if enabled)**:
  - From Date
  - To Date

- **Behavior**:
  - Users must enter values in each mandatory input field.
  - If any mandatory field is left empty, form submission is blocked, and an error message is displayed.

- **Error Messages**
  - **Submit Attempt with Missing Values**
    - **Condition**: If one or more required fields are missing when the user clicks Submit.
    - **Behavior**: The system displays a specific error message indicating which field(s) are missing values.
    - **Message Examples**:
      - "Mapping Type is required" if the Mapping Type field is empty.
      - "Retrieve from Vendor is required" if the Retrieve from Vendor field is empty when "Vendor to Vendor Mapping" is selected.
      - "Setup Type is required" if the Setup Type field is empty when "Template" is selected.
      - "Assign Type is required" if the Assign Type field is empty when "Template" is selected.
      - "Classification is required" if the Assign Type is "Classification" and the Classification field is empty.
      - "Vendor is required" if the Assign Type is "Vendor" or "Vendor – Cost Centre" and the Vendor field is empty.
      - "Cost Center is required" if the Assign Type is "Vendor – Cost Centre" and the Cost Center field is empty.
      - "From Date and To Date are required" if the Date Validation checkbox is checked but no dates are entered

1.6.2.6 Data Requirements

None.

1.6.2.7 Non-Functional Requirements

None.

1.6.2.8 Configurations

None.

1.6.2.9 Flowchart

None.

1.6.2.10 Additional Notes

None.

1.6.3 Update Vendor Wastage

1.6.3.1 Purpose

The Update Vendor Wastage module allows modifications to recorded wastage details, ensuring data accuracy. It helps track vendor performance, adjust discrepancies, and maintain precise records. This improves cost control, transparency, and efficiency in jewellery production.

1.6.3.2 User Type

Registered Users, Admins.

1.6.3.3 Screen Layout

Same Create Vendor Wastage Layout.

1.6.3.4 UI Elements

Same Create Vendor Wastage Layout.

1.6.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process is initiated by clicking the Edit button in the Action column of the Wastage master.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Wastage existing details (Group Category, Category, Purity, Style, Wastage, Making must not be empty) into the template master form.
      - Pre-populates the form fields with the current values of the selected wastage record for editing.
  - **Expected Outcome:** The wastage master form is populated with the selected wastage's current data, ready for modification.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Modify Purity Details:**
  - **Description:** Allows users to modify one or more fields in the vendor wastage record, such as Mapping Type, Setup Type, Assign Type, Wastage Percentage, Minimum Wastage, Maximum Wastage, Making Charges, and other relevant settings.
  - **Fields Available for Update:**
    - **Mapping Type:** Modify the mapping type to ensure correct vendor allocation.
      - **Condition:** If a transaction is linked to a specific mapping type, it cannot be changed.
    - **Setup Type:** Update the setup type as needed.
    - **Assign Type:** Modify the assign type for better classification.
    - **Wastage Type:** Select from available wastage types (Purity Percentage, Tunch, Wastage).
    - **Wastage Percentage:** Adjust the wastage percentage (Numeric Input: 0% – 100%).
    - **Minimum Wastage:** Define the lower wastage limit.
    - **Maximum Wastage:** Set an upper cap for wastage.
    - **Making Charges:** Modify the making charges (Numeric Input).
    - **Enable Add-on Wastage:** Enable or disable additional wastage.
    - **Enable Credit Breakup:** Toggle credit breakup option.
    - **Enable Margin:** Allow margin calculations.
    - **Is Active:** Mark the record as Active or Inactive.
  - **Expected Outcome:** Users can update all editable fields before saving the record.

- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets validation requirements before submission.
    - **Validation Criteria:**
      - **Mandatory Fields:** (Mapping Type, Setup Type, Assign Type, Wastage Type, Wastage Percentage, Making Charges) for Vendor Wastage must not be empty.
    - **Error Handling:** If validation fails, display specific error messages to guide the user.
      - Example Message:
        - "Mapping Type, Setup Type, Assign Type, Wastage Type, Wastage Percentage, Making Charges are required fields."
  - **Expected Outcome:** All required fields are validated, and any errors are shown to the user before submission.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Vendor Wastage master data to the database and refreshes the table to reflect changes.

- Displays a success message to confirm the update (e.g., "Wastage Master details have been successfully updated").

- **Expected Outcome:** The updated wastage is stored in the database, and the user receives confirmation of the successful update.

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the Wastage master record.
  - **Functionality:**
    - **Cancel Option:** Users can cancel the update operation by closing the form or clicking a "Previous" button.
    - **Expected Outcome:** The form closes without saving changes, leaving the original Wastage master record intact.
- **Confirmation Message**
  - **Purpose:** Notifies the user of the successful completion of the update operation.
  - **Functionality:**
    - **Display message:** upon a successful update (e.g., "Wastage Master have been successfully updated").
    - **Expected Outcome:** The confirmation message assures the user that the changes were saved.

1.6.3.6 Data Requirements

None.

1.6.3.7 Non-Functional Requirements

None.

1.6.3.8 Configurations

None.

1.6.3.9 Flowchart

None.

1.6.3.10 Additional Notes

None.

1.6.4 Remove Vendor Wastage

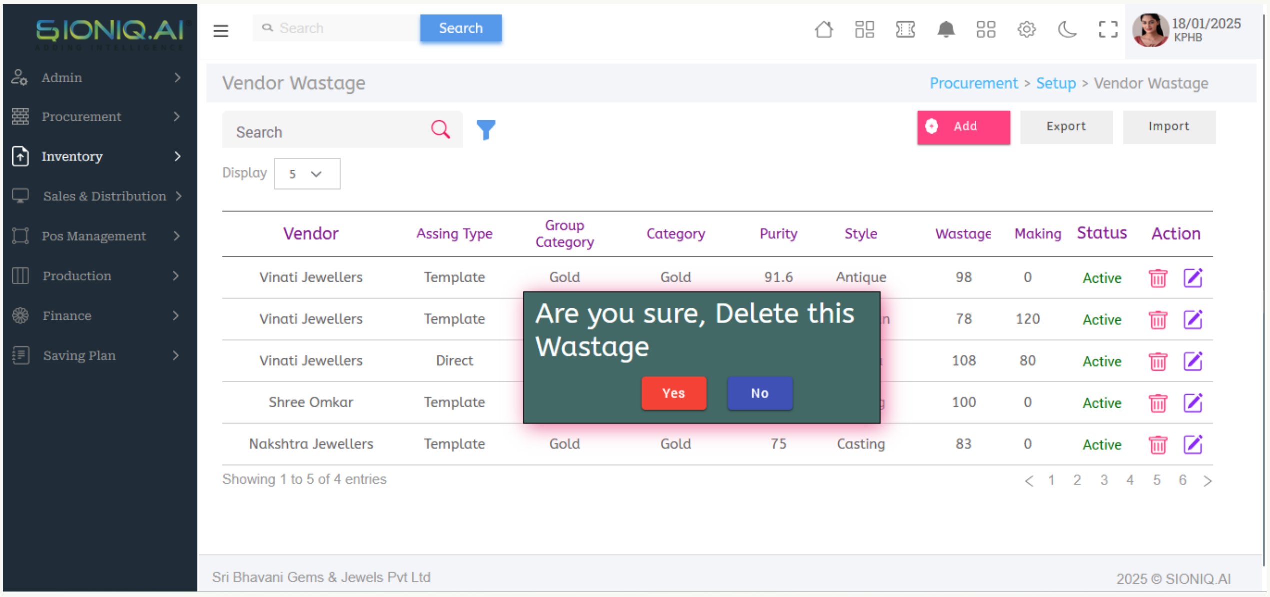
1.6.4.1 Purpose

The Remove Vendor Wastage module allows the deletion of incorrect or obsolete wastage records to maintain data accuracy. It helps in managing vendor records efficiently and ensuring reliable reporting. This improves transparency, compliance, and overall process efficiency.

1.6.4.2 User Type

Registered Users, Admins.

1.6.4.3 Screen Layout



1.6.4.4 UI Elements

None.

1.6.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for Vendor Wastage.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system’s user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.

- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the Delete button in the Action column of the vendor wastage table.

- **Functionality**:
  - **Delete Button Action**:
    - Prompts the user with a delete confirmation message to prevent accidental deletion.
  - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the deleted request.

- **Delete Confirmation Prompt**
  - **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
  - **Functionality**:
    - **Confirmation Message**:
      - When the Delete button is clicked, the system displays a warning message:
        - "Are you sure you want to delete this Vendor Wastage?"
    - **Options**:
      - **Yes**: Confirms the deletion and proceeds with removing the Vendor Wastage record.
      - **No**: Cancels the delete action without making any changes.
    - **Expected Outcome**: The Vendor Wastage record is deleted only when the user confirms by selecting Yes.

- **Delete Execution:**
  - **Description**: After confirmation, the system marks the Wastage master record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected Wastage record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated branches, inventory, or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete Wastage as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:
    - **Display Message**:
      - Upon successful deletion, display a success message such as:
        - " Vendor Wastage has been successfully deleted."

- **Expected Outcome**: The user receives confirmation that the record was deleted.

- **Refresh Table View**
  - **Description**: Updates the Wastage Master table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted Vendor Wastage record from the list in the table view.
    - **Pagination Update**:
      - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
    - **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.6.4.6 Data Requirements

None.

1.6.4.7 Non-Functional Requirements

None.

1.6.4.8 Configurations

None.

1.6.4.9 Flowchart

None.

1.6.4.10 Additional Notes

None.

1.7 Vendor Stone Rate

1.7.1 Data View

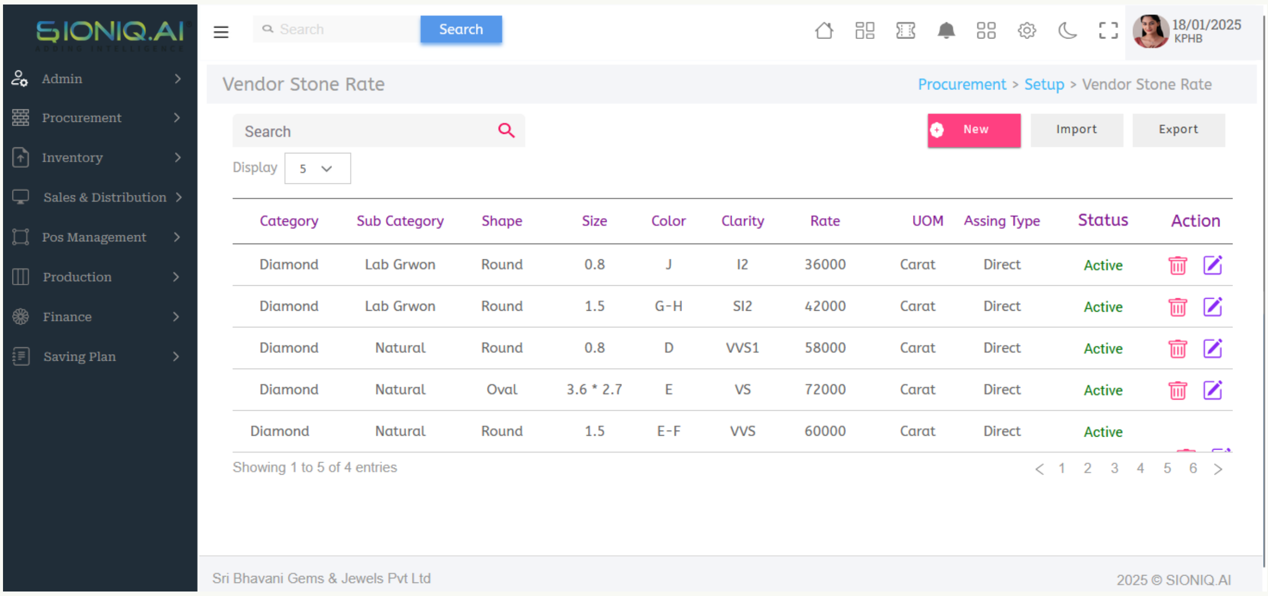
1.7.1.1 Purpose

The Data View for Vendor Stone Rate provides a structured overview of stone pricing set by vendors. It helps in tracking rates based on stone type, quality, weight, and vendor agreements. This ensures accuracy in procurement, cost analysis, and pricing decisions. The Data View also allows quick access to historical and current rates for better vendor management.

1.7.1.2 User Type

Registered Users, Admins.

1.7.1.3 Screen Layout



1.7.1.4 UI Elements

- **Search Option**
  - **Description**: A search bar located at the top of the data view section to filter the Vendor Stone Rate records displayed in the table.
  - **Functionality**:
    - Enabled users to search by Category, Sub Category, Shape, Size, Colour, Clarity, Rate, UOM, Assing Type, Status, Action.
    - Dynamically updates the displayed table to show only results that match the search query.

- **Display Dropdown**
  - **Description**: A dropdown control to set the number of rows shown in the table at once.
  - **Options**: Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality**:
    - Allows users to control the number of Vendor Stone Rate records displayed per page.
    - Updates the table view immediately based on the selected number of rows.

- **Buttons**
  - **New Button**
    - **Label**: "New"
    - **Functionality**: Opens the Vendor Stone Rate form to add a New Vendor Stone Rate record.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Export Button**
  - **Label**: "Export" (or Icon button as specified)
  - **Functionality**: Allows users to export the displayed Vendor Stone Rate data in various file formats (Excel).
  - **Export Options**:
    - Exports all or filtered data based on the current table view and search filter.
- **Import Button**
  - **Label**: "Import" (or Icon button as specified)
  - **Functionality**: Redirects to the Import Form page, where users can upload Vendor Stone Rate data.

- **Tabular View**
  - **Description**: The Tabular View provides a comprehensive and structured representation of all Vendor Stone Rate details registered in the system. It enables users to view, manage, and perform actions on Wastage data efficiently.
  - **Columns**:
    - **Category**: Displays the type of stone (e.g., Diamond).
    - **Sub Category**: Specifies the classification of the stone (e.g., LAB GROWN, Natural).
    - **Shape**: Represents the shape of the stone (e.g., Round, Oval).
    - **Size**: Displays the size of the stone in carats (e.g., 0.8, 1.5, 3.6).
    - **Colour**: Indicates the color grade of the stone (e.g., J, D, E-F, G-H).
    - **Clarity**: Specifies the clarity level of the stone (e.g., VS, VVS, VVS1, SI2, SI).
    - **Rate**: Displays the vendor's rate for the stone (e.g., 10,000; 20,000; 30,000)
    - **UOM (Unit of Measure):** Specifies the measurement unit (e.g., Carat, Gram).
    - **Assing Type**: Defines how the stone rate is assigned (e.g., Direct).
  - **Status Values**:
    - **Active**: If the checkbox is checked in the form.
    - **Inactive**: If the checkbox is unchecked in the form.
  - **Action**:
    - **Delete**: Deletes the selected Vendor Stone Rate record (permission-based).
    - **Functionality**: Triggers a delete confirmation prompt before proceeding.
    - **Edit**: Allows modification of the Vendor Stone Rate information (permission-based).
    - **Functionality**: Opens the Vendor Stone Rate form populated with the selected Vendor Stone Rate data for editing.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Paging for Table View**
  - **Description**: Includes pagination controls at the bottom of the table for navigating through multiple pages of Vendor Stone Rate records.
  - **Functionality**:
    - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
    - Shows page numbers to allow users to jump directly to specific pages.
    - Updates the displayed Vendor Stone Rate records based on the selected page.

1.7.1.5 Functional Requirements

Refer to the above UI ELEMENTS section for specific functionalities associated with each element.

1.7.1.6 Data Requirements

- **Data Source**
  - The data displayed in the Vendor Stone Rate Tabular View is sourced from the Vendor Stone Rate Table.
  - **Fields and Requirements**:
    - **Category:** Displays the type of stone (e.g., Diamond).
    - **Sub Category:** Specifies the classification of the stone (e.g., LAB GROWN, Natural).
    - **Shape:** Represents the shape of the stone (e.g., Round, Oval).
    - **Size:** Displays the size of the stone in carats (e.g., 0.8, 1.5, 3.6).
    - **Colour:** Indicates the color grade of the stone (e.g., J, D, E-F, G-H).
    - **Clarity:** Specifies the clarity level of the stone (e.g., VS, VVS, VVS1, SI2, SI).
    - **Rate:** Displays the vendor's rate for the stone (e.g., 10,000; 20,000; 30,000).
    - **UOM (Unit of Measure):** Specifies the measurement unit (e.g., Carat, Gram).
    - **Assign Type:** Defines how the stone rate is assigned (e.g., Direct).
  - **Status**: Displays the current status of the Vendor Stone Rate (e.g., Active or Inactive).
  - **Action**: Provides options to Edit or Delete the respective Vendor Stone Rate record.

- **Usage**
  - The table data is used for operational decisions, navigation, and reporting. All fields are searchable and filterable based on the requirements.

1.7.1.7 Non-Functional Requirements

None.

1.7.1.8 Configurations

- **Functionality**:
  - **Permission Settings**: Controls the visibility and accessibility of buttons and actions based on user roles or permissions.
- **Available Permissions**:
  - **Add Vendor Stone Rate Permission**: Grants access to the "Add " button.
  - **Export Permission**: Grants access to the Export button for exporting data.
  - **Import Permission**: Grants access to the Import button for importing data.
  - **Edit Permission**: Allows users to access the Edit button in the Action column to modify records.
  - **Delete Permission**: Allows users to access the Delete button in the Action column to delete records.
- **Permission Assignment**: Admins or authorized users can assign permissions to individual users or user roles.

1.7.1.9 Flowchart

None.

1.7.1.10 Additional Notes

None.

1.7.2 Create Vendor Stone Rate

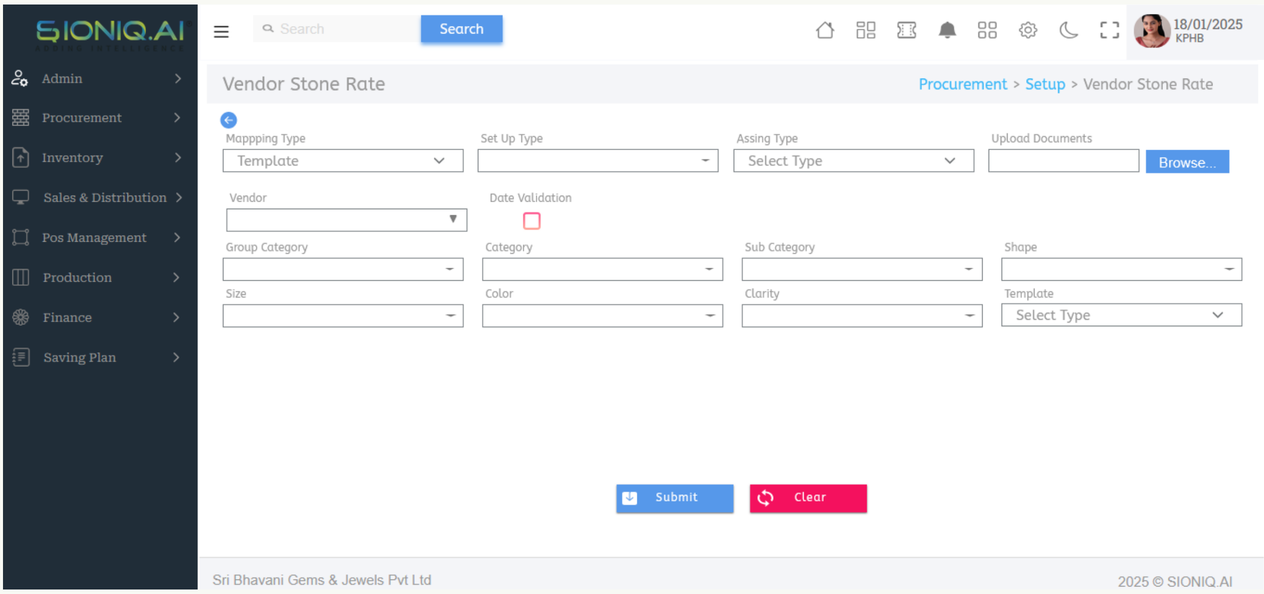
1.7.2.1 Purpose

The Vendor Stone Rate module is designed to manage and maintain stone pricing details efficiently. It allows vendors to define rates based on category, size, colour, and clarity. This ensures accurate pricing and transparency in transactions. The system enables easy updates and retrieval of stone rate data.

1.7.2.2 User Type

Registered Users, Admins.

1.7.2.3 Screen Layout



1.7.2.4 UI Elements

- **Mapping Type**
  - **Type:** Dropdown
  - **Label:** Mapping Type
  - **Editable:** Yes
  - **Description:** Select the mapping type to define the relationship between the vendor and stone rate rules.
  - **Options:**
    - Direct
    - Template
    - Vendor to Vendor Mapping
    - File Upload
  - **Validation:** Required field

- **UI Elements for "Direct" Selection**
  - **Setup Type**
    - **Type:** Dropdown
    - **Label:** Setup Type
    - **Editable:** Yes
    - **Description:** Choose how the vendor stone rate rules will be set up.
    - **Options:** Import Article's
    - **Source:** Article Master
    - **Validation:** Required field
  - **Assign Type**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Type:** Dropdown
- **Label:** Assign Type
- **Editable:** Yes
- **Description:** Define how the stone rate is assigned to the vendor.
- **Options:**
  - Classification
  - Vendor
  - Vendor – Cost Centre
- **Validation:** Required field

- **Upload File**
  - **Type:** File Upload
  - **Label:** Upload File
  - **Editable:** Yes
  - **Description:** Upload a file containing vendor stone rate details.
  - **Validation:** Required field (Only CSV, XLSX, or other supported formats)

- **UI Elements for "Upload" Selection**
  - **Setup Type**
    - **Type:** Dropdown
    - **Label:** Setup Type
    - **Editable:** Yes
    - **Description:** Choose how the vendor stone rate rules will be set up.
    - **Options:** Import Article's
    - **Source:** Article Master
    - **Validation:** Required field
  - **Assign Type**
    - **Type:** Dropdown
    - **Label:** Assign Type
    - **Editable:** Yes
    - **Description:** Define how the stone rate is assigned to the vendor.
    - **Options:**
      - Classification
      - Vendor
      - Vendor – Cost Centre
    - **Validation:** Required field
  - **Upload File**
    - **Type:** File Upload
    - **Label:** Upload File
    - **Editable:** Yes

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Description:** Upload a file containing vendor stone rate details.
- **Validation:** Required field (Only CSV, XLSX, or other supported formats)

- **Enable Margin**
  - **Type:** Check Box
  - **Label:** Enable Margin
  - **Editable:** Yes
  - **Description:** Check this box to enable margin input

- **Margin**
  - **Type:** Text Box
  - **Label:** Margin
  - **Editable:** Yes
  - **Description:** Enter the margin percentage.
  - **Visibility:** Visible only when Enable Margin is checked.

- **UI Elements for "Vendor to Vendor Mapping" Selection**
  - **Retrieve from Vendor**
    - **Type:** Dropdown
    - **Label:** Retrieve from Vendor
    - **Editable:** Yes
    - **Description:** Select the vendor whose assigned stone rate rules need to be retrieved.
    - **Options:** Import Vendor's
    - **Source:** Vendor Stone Rate Table
    - **Validation:** Required field
  - **Sync to Vendor**
    - **Type:** Dropdown
    - **Label:** Sync to Vendor
    - **Editable:** Yes
    - **Description:** Select the vendor to whom stone rate rules will be synced.
    - **Options:** Import Vendor's
    - **Source:** Vendor Table
    - **Validation:** Required field
    - **Behavior:** Displays only vendors who have not been assigned stone rate rules.
  - **Upload File**
    - **Type:** File Upload
    - **Label:** Upload File
    - **Editable:** Yes

- **Description:** Upload a file containing vendor stone rate details.
- **Validation:** Required field (Only CSV, XLSX, or other supported formats)

- **UI Elements for "Template" Selection**
  - **Setup Type**
    - **Type:** Dropdown
    - **Label:** Setup Type
    - **Editable:** Yes
    - **Description:** Choose how the vendor stone rate rules will be set up.
    - **Options:** Import Article's
    - **Source:** Article Master
    - **Validation:** Required field
  - **Assign Type**
    - **Type:** Dropdown
    - **Label:** Assign Type
    - **Editable:** Yes
    - **Description:** Define how the stone rate is assigned to the vendor.
    - **Options:**
      - Classification
      - Vendor
      - Vendor – Cost Centre
    - **Validation:** Required field
  - **Upload File**
    - **Type:** File Upload
    - **Label:** Upload File
    - **Editable:** Yes
    - **Description:** Upload a file containing vendor stone rate details.
    - **Validation:** Required field (Only CSV, XLSX, or other supported formats)

- **Conditional UI Elements Based on "Assign Type" Selection**
  - **Classification**
    - **Type:** Dropdown
    - **Label:** Classification
    - **Editable:** Yes
    - **Description:** Select the classification for vendor stone rate assignment.
    - **Options:** Import Classification
    - **Source:** Vendor Classification Table
    - **Validation:** Required field
    - **Behavior:** Displays when "Assign Type" is set to "Classification".

- **Vendor**
  - **Type:** Dropdown
  - **Label:** Vendor
  - **Editable:** Yes
  - **Description:** Select the vendor for stone rate assignment.
  - **Options:** Import Vendor
  - **Source:** Vendor Table
  - **Validation:** Required field
  - **Behavior:** Displays when "Assign Type" is set to "Vendor" or "Vendor – Cost Centre".
- **Cost Centre**
  - **Type:** Dropdown
  - **Label:** Cost Centre
  - **Editable:** Yes
  - **Description:** Select the cost centre for vendor stone rate assignment.
  - **Options:** Import Vendor Cost Centre
  - **Source:** Vendor Table
  - **Validation:** Required field
  - **Behavior:** Displays when "Assign Type" is set to "Vendor – Cost Centre". Filters based on the selected Vendor.

- **Date Validation UI Elements**
  - **Date Validation**
    - **Type:** Checkbox
    - **Label:** Date Validation
    - **Editable:** Yes
    - **Description:** Enable validation for assigned stone rate based on a date range.
    - **Validation:** Optional
    - **Behavior:**
      - When checked, displays "From Date" and "To Date" fields.
      - When unchecked, hides "From Date" and "To Date" fields.
  - **From Date**
    - **Type:** Date Input
    - **Label:** From Date
    - **Editable:** Yes
    - **Description:** Specifies the starting date for assigned stone rate validation.
    - **Validation:** Required if "Date Validation" checkbox is checked.
  - **To Date**
    - **Type:** Date Input
    - **Label:** To Date

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Editable:** Yes
- **Description:** Specifies the ending date for assigned stone rate validation.
- **Validation:** Required if "Date Validation" checkbox is checked.

- **Category and Purity Selection UI Elements**
  - **Group Category**
    - **Type:** Multi-Selection Dropdown
    - **Label:** Group Category
    - **Editable:** Yes
    - **Description:** Select the group category for vendor stone rate assignment.
    - **Options:** Import Group Category
    - **Source:** Group Category Table
    - **Validation:** Required field
  - **Shape**
    - **Type:** Multi-Selection Dropdown
    - **Label:** Shape
    - **Editable:** Yes
    - **Description:** Select the shape applicable for vendor stone rates.
    - **Options:** Import Shape
    - **Source:** Shape Table
    - **Validation:** Required field

- **Conditional UI Elements Based on "Setup Type" Selection**
  - **Category**
    - **Type:** Multi-Selection Dropdown
    - **Label:** Category
    - **Editable:** Yes
    - **Description:** Select the category for vendor stone rate assignment.
    - **Options:** Import Category
    - **Source:** Category Table
    - **Validation:** Required field
    - **Behavior:** Displays when "Setup Type" is set to "Category" or any dynamic category. Filters based on the selected Group Category.
  - **Dynamic Categories**
    - **Type:** Multi-Selection Dropdown
    - **Label:** Dynamic Category Stone Name
    - **Editable:** Yes
    - **Description:** Select the dynamic category stones for vendor stone rate assignment.
    - **Options:** Import Dynamic Category

- **Source:** Dynamic Category Table
- **Validation:** Required field
- **Behavior:** Displays when "Setup Type" is set to "Dynamic Category". Filters based on the selected Group Category and Category.

- **Template Selection UI Elements**
  - **Template**
    - **Type:** Dropdown
    - **Label:** Template
    - **Editable:** Yes
    - **Description:** Select the vendor stone rate template for assignment.
    - **Options:** Import Stone Rate Templates
    - **Source:** Procurement Template Table
    - **Validation:** Required field

- **Submit Button**
  - **Type**: Button
  - **Label**: Submit
  - **Editable**: No (Standard Button)
  - **Description**: A button that submits the filled form details to the database.
  - **Validation**:
    - Ensures all required fields are completed and validated.
  - **Behavior**:
    - If validation is successful, the form data is submitted to the database.
    - If validation fails, displays an error message indicating the fields that require correction.
- **Clear Button**
  - **Type**: Button
  - **Label**: “Clear”
  - **Editable**: No (Standard Button)
  - **Description**: Resets all form fields to default values.
  - **Validation**:
    - Not required; clearing the form does not require validation checks.
  - **Behavior**:
    - Reset Form Fields: Clears all entered data in the form fields, resetting them to their default values.
    - Confirmation Prompt: Prompts the user for confirmation to avoid accidental data loss.
- **Previous Button**
  - **Type**: Button
  - **Label**: “Previous Icon”

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Editable**: No (Standard Button)
- **Description**: Closes the Vendor Stone Rate Form and returns the user to the main Vendor Wastage table view, discarding any unsaved changes.
- **Behavior**: Cancels any unsaved changes and navigates back.
- **Validation**:
  - **Required**: No

1.7.2.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action**: The form submission is triggered when the user clicks the Submit button, provided all required fields (Category, Sub Category, Shape, Size, Colour, Clarity, Rate, UOM, Assing Type, Status, Action) are populated with valid values.
    - **Outcome**:
      - **Create Operation**: If it is a new entry, the system saves the new vendor stone rate to the database.
      - **Update Operation**: If editing an existing entry, the system updates the existing vendor stone rate record in the database.
- **Mandatory Fields**
  - **Fields**: Category, Sub Category, Shape, Size, Colour, Clarity, Rate, UOM, Assing Type, Status, Action are mandatory fields that must be completed.
  - **Behaviour**:
    - Users are required to enter valid values for each of the mandatory fields.
    - If any mandatory field is left blank, the form submission will be blocked, and an error message will be displayed indicating the missing fields.
- **Conditional Validation**
  - **Field Format Validation**
    - **Category**: The field must contain a Category (alphabets only, max 50 chars).
    - **Sub Category**: The field must contain a Sub Category (alphabets & spaces only, max 50 chars).
    - **Shape**: The field must contain a Shape (alphabets only, max 30 chars).

- **Size**: The field must contain a Size (numeric, supports decimals, e.g., 0.8, 1.5, 3.6 * 2.7).
- **Colour**: The field must contain a Color (alphanumeric/range, e.g., D, G-H, E-F, max 10 chars).
- **Clarity**: The field must contain Clarity (predefined values, e.g., VVS1, SI2, I1, max 10 chars).
- **Rate**: This field accepts only numeric values (no negative values, max 7 digits).
- **Uom**: The field must contain a UOM (predefined values, e.g., Carat, Gram, Piece).
- **Assing Type**: The field must contain an Assign Type (dropdown, Direct/Indirect).
- **Status:** The field must contain a Status (predefined values, Active/Inactive).
- **Action**: The field must contain an Action (controlled via edit/delete buttons, no manual input).

- **Error Messages**
  - **Submit Attempt with Missing Values**
    - **Condition**: This condition occurs if one or more required fields are left empty when the user clicks the Submit button.
    - **Behaviour**: The system will display specific error messages indicating which fields are missing values.
    - **Message Examples**:
      - "Category is required" if the Category dropdown field is empty.
      - "Sub Category is required" if the Sub Category dropdown field is empty.
      - "Shape is required" if the Stone Sub Category dropdown field is empty.
      - "Size is required" if the size dropdown field is empty.
      - "Colour is required" if the colour dropdown field is empty.
      - "Clarity is required" if the Clarity dropdown field is empty.
      - "Rate is required" if the Rate dropdown field is empty.
      - "UOM is required" if the UOM dropdown field is empty.
      - "Assing Type is required" Assing dropdown field is empty.
- **Behaviour**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Successful Submission**
  - If all required fields are correctly filled in, the form data will be saved to the database, and a confirmation message, such as "Record saved successfully," will be displayed to the user.
- **Form Reset**
  - Clicking the **Clear** button will reset all form fields to their default values after the user confirms the action.
- **Navigation**
  - Clicking the **Previous** button will discard any unsaved changes and navigate the user back to the vendor stone rate Table View.

1.7.2.6 Data Requirements

- **Group Category**
  - **Group Category Name** – Main classification of the stone (e.g., Diamond, Color Stone, Miscellaneous).
  - **Group Category Code** – Unique identifier for the group category.
- **Category**
  - **Category Name** – Specific type within the group category (e.g., White Diamond, Blue Sapphire).
  - **Category Code** – Unique identifier for the category.
- **Sub-Category**
  - **Sub-Category Name** – Further classification within the category (e.g., Natural Diamond, Lab-Grown Diamond).
  - **Sub-Category Code** – Unique identifier for the sub-category.
- **Shape**
  - **Shape Name** – The cut or shape of the stone (e.g., Round, Oval, Princess, Pear).
  - **Shape Code** – Unique identifier for the shape.
- **Size**
  - **Size in mm** – Measurement of the stone in millimetres.
  - **Size in Carats** – Weight of the stone in carats.
  - **Size Code** – Unique identifier for the size.
- **Colour**
  - **Colour Name** – Colour of the stone (e.g., D, E, F for diamonds or Red, Green, Blue for coloured stones).
  - **Colour Code** – Unique identifier for the colour classification.
- **Clarity**
  - **Clarity Grade** – Quality of the stone in terms of inclusions (e.g., IF, VVS1, VVS2, VS1, VS2, SI1, SI2).

- **Clarity Code** – Unique identifier for the clarity classification.

- **Rate**
  - **Rate per Carat** – Price of the stone per carat.
  - **Discount Percentage** – Any applicable discount.
  - **Final Rate** – Rate after discount application.
- **UOM (Unit of Measurement)**
  - **UOM Type** – Unit used to measure the stone (e.g., Carat, Gram, Piece).
  - **UOM Code** – Unique identifier for the UOM.
- **Assign Type**
  - **Assign Type** – Defines how the vendor stone rate is assigned (e.g., Vendor-wise, Category-wise, Quality-wise).

1.7.2.7 Non-Functional Requirements

None.

1.7.2.8 Configurations

None.

1.7.2.9 Flowchart

None.

1.7.2.10 Additional Notes

None.

1.7.3 Update Vendor Stone Rate

1.7.3.1 Purpose

The Update Vendor Stone Rate functionality is designed to allow users to modify and manage the pricing details of stones provided by vendors. This feature ensures that the latest rates are accurately recorded and maintained within the system, facilitating smooth procurement and inventory management.

1.7.3.2 User Type

Registered Users, Admins.

1.7.3.3 Screen Layout

Same Create Vendor Stone Rate Layout.

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

1.7.3.4 UI Elements

Same Create Vendor Stone Rate Layout.

1.7.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process is initiated by clicking the **Edit** button in the **Action** column of the Vendor Stone Rate master.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Stone Rate existing details (Stone Group Category, Stone Category, Sub Category, Shape, Size, Colour, Clarity, Template must not be empty) into the Vendor Stone Rate master form.
      - Pre-populates the form fields with the current values of the selected Vendor Stone Rate record for editing.
  - **Expected Outcome:** The vendor stone rate master form is populated with the selected records current data, ready for modification.

- **Modify Purity Details:**
  - **Description:** Allows users to modify one or more fields in the Vendor Stone Rate record, such as Mapping Type, Setup Type, Assign Type, Upload Document, Stone Group Category, Stone Category, Sub Category, Shape, Size, Colour, Clarity, Purity, Style and other relevant settings.
  - **Fields Available for Update:**
    - **Mapping Type:** Modify the mapping type for correct vendor allocation.
      - Condition: If a transaction is linked to a specific mapping type, it **cannot** be changed.
    - **Setup:** Update the setup type as required.
    - **Assign Type:** Modify the assign type for better classification.
    - **Upload Document:** Upload relevant supporting documents for vendor stone rates.
    - **Stone Group Category:** Select the appropriate stone group category.
    - **Stone Category:** Choose the stone category applicable to the vendor.
    - **Sub Category:** Update or modify the stone sub-category.
    - **Shape:** Modify the shape of the stone for vendor-specific pricing.
    - **Size:** Update the size of the stone in the vendor rate record.
    - **Colour:** Modify the colour of the stone for vendor-specific rate settings.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Clarity:** Update the clarity of the stone for vendor allocation.
- **Purity:** Modify the purity level of the stone as per the vendor's requirement.
- **Style:** Update the style or cut of the stone as per vendor classification.

- **Expected Outcome:** Users can update all editable fields before saving the record.

- **Form Validation (Update Mode)**
  - **Purpose**: Ensures that updated information meets validation requirements before submission.
    - **Validation Criteria:**
      - **Mandatory Fields:** (Mapping Type, Setup, Assign Type, Upload Document, Stone Group Category, Stone Category, Sub Category, Shape, Size, Colour, Clarity, Template) must not be empty.
    - **Error Handling:** If validation fails, display specific error messages to guide the user.
      - Example Message:
        - "Mapping Type, Setup, Assign Type, Upload Document, Stone Group Category, Stone Category, Sub Category, Shape, Size, Colour, Clarity, and Template are required fields."
  - **Expected Outcome**: All required fields are validated, and any errors are displayed before submission.

- **Submit Updated Data**
  - **Description:** Saves the modified data to the database upon successful validation.
  - **Functionality:**
    - **Submit Button:**
      - Saves the updated Vendor Stone Rate master data to the database
      - Refreshes the table to reflect the changes.
      - Displays a success message confirming the update.
  - **Expected Outcome**: The updated Vendor Stone Rate details are stored in the database, and the user receives a confirmation message:

- **Cancel Update**
  - **Purpose:** Allows users to discard changes if they choose not to update the Vendor Stone Rate master record.
  - **Functionality:**
    - **Cancel Option:** Users can cancel the update operation by closing the form or clicking a "Previous" button.

  - **Expected Outcome:** The form closes without saving changes, leaving the original Vendor Stone Rate master record unchanged.

- **Confirmation Message**
  - **Purpose:** Notifies the user of the successful completion of the update operation.
  - **Functionality:**
    - **Display message:** upon a successful update (e.g., "Vendor Stone Rate have been successfully updated").
    - **Expected Outcome:** The confirmation message assures the user that the changes were saved.

1.7.3.6 Data Requirements

None.

1.7.3.7 Non-Functional Requirements

None.

1.7.3.8 Configurations

None.

1.7.3.9 Flowchart

None.

1.7.3.10 Additional Notes

None.

1.7.4 Remove Vendor Stone Rate

1.7.4.1 Purpose

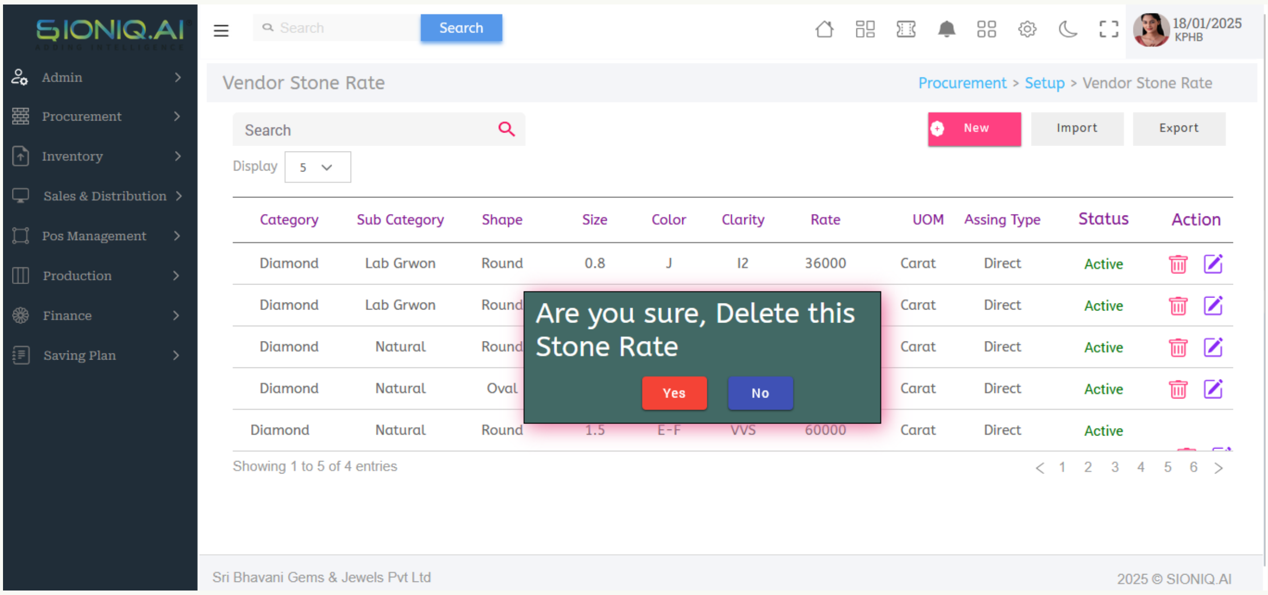
The purpose of removing a Vendor Stone Rate is to delete outdated or incorrect vendor-specific stone pricing details. This ensures data accuracy by eliminating unnecessary or invalid records. The removal process updates the system while maintaining consistency in vendor rate management.

1.7.4.2 User Type

Registered Users, Admins.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.7.4.3 Screen Layout



1.7.4.4 UI Elements

None.

1.7.4.5 Functional Requirements

- **Access Control**
  - **Purpose**: Ensure that only authorized users can perform the delete operation for Vendor Stone Rate.
  - **Functionality**:
    - **Delete Permission**:
      - The **Delete** button is only accessible to users with delete permissions configured in the system's user roles and permissions settings.
    - **Expected Outcome**: Unauthorized users cannot access or initiate the delete process.

- **Initiate Delete Action**
  - **Description**: The delete process begins when an authorized user clicks the Delete button in the Action column of the vendor stone rate table.
  - **Functionality**:
    - **Delete Button Action**:
      - Prompts the user with a delete confirmation message to prevent accidental deletion.
    - **Expected Outcome**: The system displays a confirmation prompt, and no action is taken unless the user confirms the delete request.

- **Delete Confirmation Prompt**

Building 8-2-293-82/A, Plot 1107, Road Number 55, opposite Peddamma Talli Temple, CBI Colony, Jubilee Hills, Hyderabad, Telangana 500033

- **Purpose**: To ensure the user intends to proceed with deletion and prevent accidental removal of data.
- **Functionality**:
  - **Confirmation Message**:
    - When the Delete button is clicked, the system displays a warning message:
      - "Are you sure you want to delete this Vendor Stone Rate?"
  - **Options**:
    - **Yes**: Confirms the deletion and proceeds with removing the Vendor Stone Rate record.
    - **No**: Cancels the delete action without making any changes.
  - **Expected Outcome**: The Vendor Stone rate record is deleted only when the user confirms by selecting Yes.

- **Delete Execution:**
  - **Description**: After confirmation, the system marks the Stone Rate master record as deleted in the database.
  - **Functionality**:
    - **Data Removal**:
      - Updates the selected Stone Rate record's status to "Status=0" in the database.
    - **Dependencies Check**:
      - Before deletion, the system checks for any dependencies (e.g., associated branches, inventory, or transactions).
      - **If dependencies exist**:
        - Displays a message: "Cannot delete Stone Rate as it has associated records."
        - Halts the delete process until dependencies are resolved.
    - **Expected Outcome**: The system removes the record only when no dependencies are found.

- **Success Message**
  - **Purpose**: Inform the user that the delete action was successfully completed.
  - **Functionality**:
    - **Display Message**:
      - Upon successful deletion, display a success message such as:
        - " Vendor Stone Rate has been successfully deleted."
    - **Expected Outcome**: The user receives confirmation that the record was deleted.
- **Refresh Table View**
  - **Description**: Updates the Stone Rate Master table view to reflect the changes made by the deletion.
  - **Functionality**:
    - **Refresh Table**:
      - Automatically removes the deleted Vendor Stone Rate record from the list in the table view.

- **Pagination Update**:
  - Adjusts the pagination if necessary to ensure the remaining records are displayed correctly.
- **Expected Outcome**: The table reflects the updated state, with the deleted record no longer visible.

1.7.4.6 Data Requirements

None.

1.7.4.7 Non-Functional Requirements

None.

1.7.4.8 Configurations

None.

1.7.4.9 Flowchart

None.

1.7.4.10 Additional Notes

None.

1.8 Alloy

The Alloy Form in the Jewellery ERP system is designed to streamline the entry and management of Alloy's data. This form allows users to create, edit, delete, and view details related to various Alloy's involved in the jewellery supply chain. By centralizing this information, the Alloy Form ensures consistency in business data utilized across multiple modules, such as Alloy Inward, Production, and inventory control. This functionality supports efficient operations and enhances compliance with industry standards within the ERP system.

1.8.1 Data View

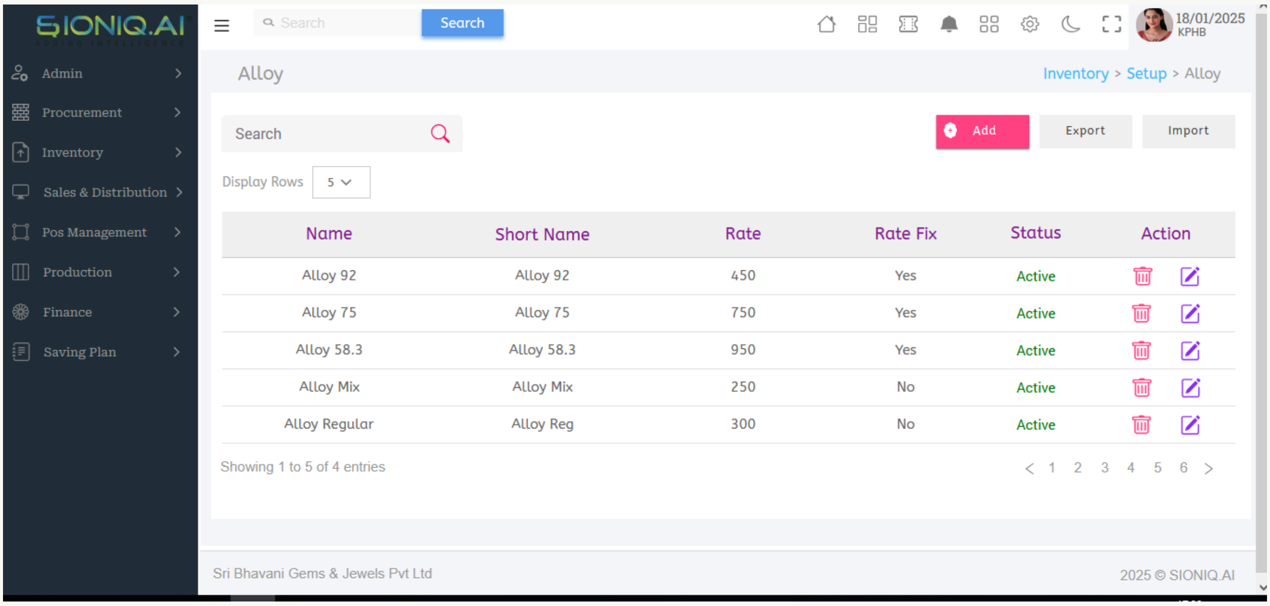
1.8.1.1 Purpose

This section displays an overview of all alloy's currently registered in the system. Users can view detailed information for each alloy, allowing for quick access to all existing records, supporting informed decision-making and streamlined navigation.

1.8.1.2 User Type

Registered Users, Admins.

1.8.1.3 Screen Layout



1.8.1.4 UI Elements

- **Search Option**
  - **Description:** A search bar located at the top of the data view section to filter alloy's displayed in the table.
  - **Functionality:**
    - Enables users to search by Alloy Name, Short Name, Rate or Status.
    - Dynamically updates the displayed table to show only results that match the search query.
- **Display Dropdown**
  - **Description**: A dropdown control to set the number of rows shown in the table at once.
  - **Options**: Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
  - **Functionality**:
    - Allows users to control the number of Alloy records displayed per page.
    - Updates the table view immediately based on the selected number of rows.
- **Buttons**
  - **Add Alloy Button**
    - **Label**: "New"
    - **Functionality**: Opens the Alloy Creation Form to add a new Alloy record.
  - **Export Button**
    - **Label**: "Export" (or Icon button as specified)
    - **Functionality**: Allows users to export the displayed Alloy data in various file formats (Excel).

- **Export Options**:
  - Exports all or filtered data based on the current table view and search filter.
- **Import Button**
  - **Label**: "Import" (or Icon button as specified)
  - **Functionality**:
    - Redirects to the Import Form page, where users can upload Alloy data.

- **Tabular View**
  - **Description**: Displays a structured view of all created alloy's.
  - **Columns**:
    - **Alloy Name**: Displays the full name of each Alloy.
    - **Short Name**: Shows the abbreviated name for each Alloy.
    - **Rate**: Displays the rate of the alloy per gram.
    - **Rate fix**: Displays the rate was editable or not for each Alloy.
    - **Is Active**: Displays the active status of each Alloy.
      - **Status**:
        - "**Active**" if the checkbox is checked in the form.
        - "**Inactive**" if the checkbox is unchecked in the form.
    - **Action**:
      - **Delete**: Deletes the selected Alloy record (permission-based).
        - **Functionality**: Triggers a delete confirmation prompt (see "Delete Confirmation" in functional requirements).
      - **Edit**: Allows modification of a Alloy's information (permission-based).
        - **Functionality**: Loads the selected Alloy's data into the Alloy Creation Form for editing.
- **Paging for Table View**
  - **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of Alloy records.
  - **Functionality:**
    - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
    - Shows page numbers to allow users to jump directly to specific pages.
    - Updates the displayed Alloy records based on the selected page.

1.8.1.5 Functional Requirements

Refer to the above **UI Elements** section for specific functionalities associated with each element.

1.8.1.6 Data Requirements

- **Alloy Data**
  - **Source:** Alloy Creation Table
  - **Fields Required:**

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

  - **Alloy Name**: The full name of the Alloy.
  - **Alloy Short Name**: An abbreviated name for the Alloy.
  - **Rate:** The rate of the Alloy.
  - **Rate Fix:** Yes, indicate Alloy rate is editable (Boolean: Yes or No).
  - **Is Active**: Indicates if the Alloy is currently active (Boolean: active or inactive).
- **Usage**: Main data for display in the table, searchable and filterable.

1.8.1.7 Non-Functional Requirements

None.

1.8.1.8 Configurations

- **Functionality**:
  - **Permission Settings**: Controls the visibility and accessibility of buttons and actions based on user roles or permissions.
- **Available Permissions**:
  - **Add Alloy Permission**: Grants access to the "Add Alloy" button.
  - **Export Permission**: Grants access to the Export button for exporting data.
  - **Import Permission**: Grants access to the Import button for importing data.
  - **Edit Permission**: Allows users to access the Edit button in the Action column to modify records.
  - **Delete Permission**: Allows users to access the Delete button in the Action column to delete records.
- **Permission Assignment**: Admins or authorized users can assign permissions to individual users or user roles.

1.8.1.9 Flowchart

None.

1.8.1.10 Additional Notes

None.

1.8.2 Create Alloy

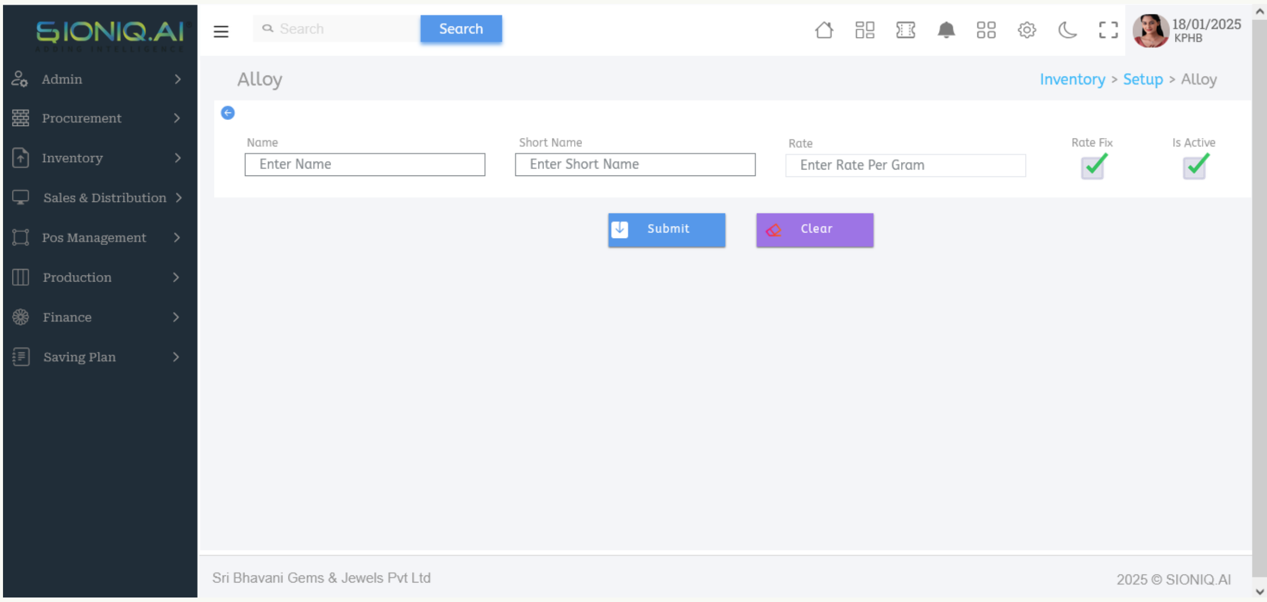
1.8.2.1 Purpose

This section allows users to add a new Alloy to the ERP system. Users can enter key information such as the Alloy name, short name, register, Rate logo. This process ensures consistent data entry for operational and reporting purposes.

1.8.2.2 User Type

Registered Users, Admins.

1.8.2.3 Screen Layout



1.8.2.4 UI Elements

- **Alloy Name**
  - **Type:** Text Input (Text Editor)
  - **Label:** "Name"
  - **Editable:** Yes
  - **Description:** Allows users to enter the full name of the Alloy. This input will be used to identify the Alloy within the system.
  - **Validation:**
    - **Required:** Yes
    - **Character Limit:** 50 characters
    - **Allowed Characters:** Letters, spaces, and special characters (e.g., apostrophes, hyphens)
- **Alloy Short Name**
  - **Type**: Text Input (Text Editor)
  - **Label**: "Short Name"
  - **Editable**: Yes
  - **Description**: Allows users to enter an abbreviated name for the Alloy, typically in 2-5 characters (e.g., "NSJ" for the Nathu and Son's Jewellers).
  - **Validation**:
    - Required: Yes
    - Character Limit: 5 characters

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Allowed Characters: letters only (e.g., "NSJ")

- **Rate**
  - **Type**: Text Input (Text Editor)
  - **Label**: "Rate"
  - **Editable**: Yes
  - **Description**: Field to enter the Rate of the Alloy.
  - **Validation**:
    - Required: Yes
    - Character Limit: 50 characters.
    - Allowed Characters: Numerics (Decimals Allowed).
    - Size Limit: Maximum 5 MB.
- **Rate Fix**
  - **Type**: Checkbox
  - **Label**: "Is Active"
  - **Editable**: Yes
  - **Default Value**: Checked (True)
  - **Behavior**:
  - **Checked**: The Alloy is marked as active and visible in the system (e.g., dropdowns, lists).
  - **Unchecked**: The Alloy is inactive but remains in the database.
- **Is Active**
  - **Type**: Checkbox
  - **Label**: "Is Active"
  - **Editable**: Yes
  - **Default Value**: Checked (True)
  - **Behavior**:
  - **Checked**: The Alloy is marked as active and visible in the system (e.g., dropdowns, lists).
  - **Unchecked**: The Alloy is inactive but remains in the database.
- **Submit Button**
  - **Type**: Button
  - **Label**: "Submit"

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Editable**: No (Standard Button)
- **Description**: Submits the filled form data to the database.
- **Validation**:
  - **Required Fields**: Ensures all mandatory fields are filled and validated.
- **Behavior**:
  - **Successful Submission**: Form data is saved to the database.
  - **Failed Validation**: Displays an error message highlighting the fields requiring correction.

- **Clear Button**
  - **Type**: Button
  - **Label**: "Clear"
  - **Editable**: No (Standard Button)
  - **Description**: Resets or clears all form fields, enabling a fresh start.
  - **Validation**: None required.
  - **Behavior**:
    - **Reset Form Fields**: Clears all data entered in the form fields.
    - **Confirmation Prompt**: Prompts the user to confirm the action to prevent accidental data loss.

- **Previous Button**
  - **Type**: Button
  - **Label**: "Previous Icon"
  - **Editable**: No (Standard Button)
  - **Description**: Closes the Alloy Creation Form and returns the user to the main Alloy table view, discarding unsaved changes.
  - **Validation**: None required.

1.8.2.5 Functional Requirements

- **Actions**
  - **Submit Button Click**
    - **Action**: Triggers form submission if all required fields (Name, Short Name and rate) contain valid values.

- **Outcome**:
    - **Create Operation**: If it's a new entry, saves the new Alloy information.

- **Validation**
    - **Mandatory Fields**
        - **Fields:** Name, Short Name and Rate are required fields.
        - **behaviour:**
            - Users must enter values in each mandatory input field.
            - If any mandatory field is left empty, the form submission is blocked, and an error message is displayed (details in "Error Messages" section).
- **Error Messages**
    - **Submit Attempt with Missing Values**
        - **Condition:** If one or more required fields are missing a value when the user clicks Submit.
        - **behaviour:** The system displays a specific error message indicating which field(s) are missing values.
        - **Message Examples:**
            - "Name is required" if only the Alloy Name field is empty.
            - "Short Name is required" if only the Alloy Short Name field is empty.

1.8.2.6 Data Requirements

None.

1.8.2.7 Non-Functional Requirements

None.

1.8.2.8 Configurations

None.

1.8.2.9 Flowchart

None.

1.8.2.10 Additional Notes

None.

1.8.3 Update Alloy

1.8.3.1 Purpose

The Edit Alloy section enables authorized users to update existing Alloy records to ensure accurate and current data, supporting the ERP's alignment with evolving international standards and business requirements.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

1.8.3.2 User Type

Registered Users, Admins.

1.8.3.3 Screen Layout

Same Create Alloy Layout.

1.8.3.4 UI Elements

Same Create Alloy Layout.

1.8.3.5 Functional Requirements

- **Initiate Update Process**
  - **Description:** The update process is initiated by clicking the Edit button in the Action column of the Alloy table.
  - **Functionality:**
    - **Edit Button Action:**
      - Loads the selected Alloy's existing details (Name, Short Name, Rate, Rate fix and Is active) into the Alloy Creation Form.
      - Pre-populates the form fields with the current values of the selected Alloy record to enable editing.
  - **Expected Outcome:** The Alloy Creation Form is populated with the selected Alloy's current data, ready for modification.
- **Modify Alloy Details**
  - **Description:** Allows users to change one or more fields in the Alloy record, such as Name, Short Name, Rate, Rate fix and Is active.
  - **Fields Available for Update:**
    - Name: Modify the Alloy's full name.
    - Short Name: Update the abbreviated name for the Alloy.
    - Rate: Modify the Alloy rate.
    - Rate fix: Sets the rate fix status of the Alloy either "Yes" or "No".
    - Is Active: Sets the active status of the Alloy to either "Active" or "De-active."
  - **Expected Outcome:** Users can update all editable fields as required before saving the record.
- **Form Validation (Update Mode)**
  - **Purpose:** Ensures that updated information meets validation requirements before submission.
  - **Validation Criteria:**
    - **Mandatory Fields:** Name, Short Name and Rate must not be empty.
    - **Specific Field Validation:**
      - **Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
      - **Short Name:** 2 to 5 uppercase letters.

            - **Rate:** Up to 50 characters, allows numerics and decimals
        - **Error Handling:** If validation fails, display specific error messages to guide the user (e.g., "Alloy Name must be unique").
    - **Expected Outcome:** All required fields are validated, and any errors are shown to the user before submitting the update.

- **Submit Updated Data**
    - **Description:** Saves the modified data to the database upon successful validation.
    - **Functionality:**
        - **Submit Button:**
            - Saves the updated Alloy data to the database and refreshes the table to reflect changes.
            - Displays a success message to confirm the update (e.g., "Alloy details have been successfully updated").
    - **Expected Outcome:** The updated Alloy information is stored in the database, and the user receives confirmation of the successful update.
- **Cancel Update**
    - **Purpose:** Allows users to discard changes if they choose not to update the Alloy record.
    - **Functionality:**
        - **Cancel Option:** Users can cancel the update operation by closing the form or clicking a "Previous" button.
        - **Expected Outcome:** The form closes without saving changes, leaving the original Alloy record intact.
- **Confirmation Message**
    - **Purpose:** Notifies the user of the successful completion of the update operation.
    - **Functionality:**
        - Display Message: Upon a successful update, display a confirmation message (e.g., "Alloy details have been successfully updated").
        - Expected Outcome: The confirmation message assures the user that the changes were saved.

1.8.3.6 Data Requirements

None.

1.8.3.7 Non-Functional Requirements

None.

1.8.3.8 Configurations

None.

1.8.3.9 Flowchart

None.

1.8.3.10 Additional Notes

None.

1.8.4 Remove Alloy

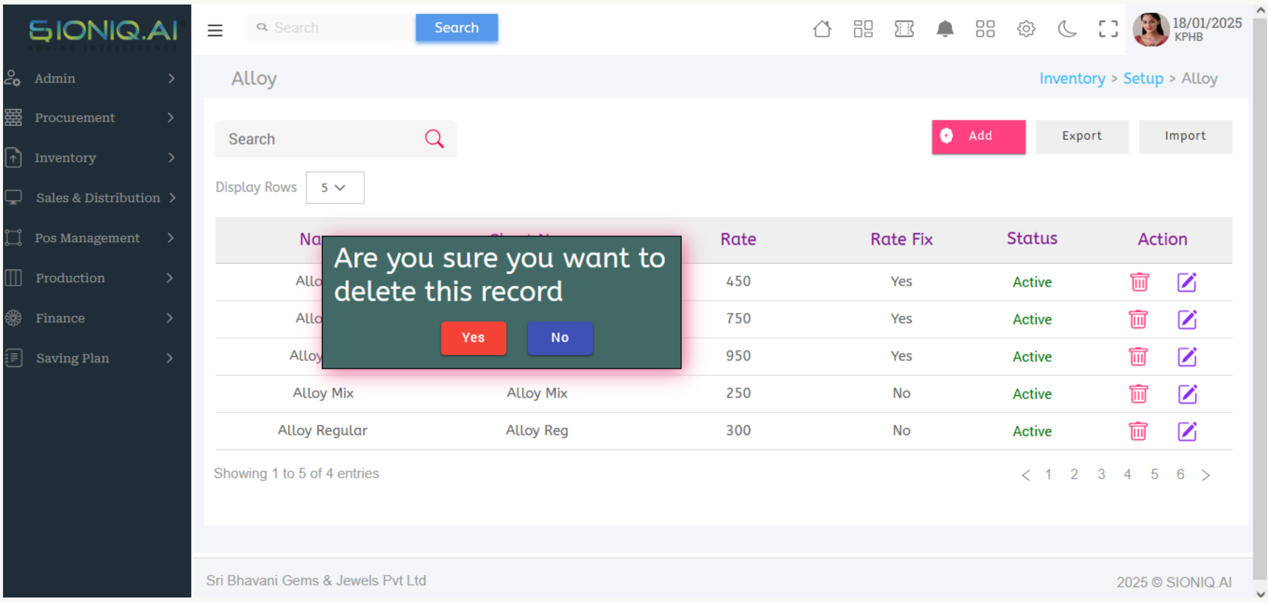
1.8.4.1 Purpose

This section allows for the safe removal of a Alloy from the ERP system, typically when the Alloy is no longer relevant to business operations. The action may be restricted if there are dependencies, such as existing records in other modules linked to that Alloy, and safeguards are in place to ensure data integrity across the system.

1.8.4.2 User Type

Registered Users, Admins.

1.8.4.3 Screen Layout



1.8.4.4 UI Elements

None.

1.8.4.5 Functional Requirements

○ **Access Control**

- **Purpose:** Ensure that only authorized users can perform the delete operation.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- **Functionality:**
  - **Delete Permission:** The Delete button is only accessible to users who have been granted delete permissions in the Configuration Section.

○ **Initiate Delete Action**

- **Description:** The delete process begins when an authorized user clicks the Delete button in the Action column of the Alloy table.
- **Functionality:**
  - **Delete Button Action:**
    - Prompts a delete confirmation message to prevent accidental deletion.

○ **Delete Confirmation Prompt**

- **Purpose:** Provide a confirmation prompt to ensure the user wants to proceed with deletion.
- **Functionality:**
  - **Confirmation Message:** When the Delete button is clicked, display a warning message:
    - "Are you sure you want to delete this Alloy?"
  - **Options:**
    - **Yes:** Confirms the deletion and proceeds with removing the Alloy record.
    - **No:** Cancels the delete action without any changes to the data.
- **Expected Outcome:** The Alloy record is deleted only if the user confirms by selecting "Yes."

○ **Delete Execution**

- **Description:** Once confirmed, the system proceeds to update “Status=0” int the Alloy record from the database.
- **Functionality:**
  - **Data Removal:** Updated the selected Alloy record from the database [status=0].
  - **Dependencies Check:**
    - Before deletion, the system checks for any dependencies or associations (e.g., Production, Inventory or other references tied to this Alloy).
    - If dependencies exist, display a message (e.g., "Cannot delete Alloy as it has associated Alloy.") and halt the delete process.

○ **Success Message**

- **Purpose:** Inform the user of the successful completion of the delete action.
- **Functionality:**
  - **Display Message:** Upon successful deletion, display a success message such as "Alloy has been successfully deleted."
- **Expected Outcome:** The user sees a confirmation that the record was deleted.

○ **Refresh Table View**

- **Description:** Automatically updates the Alloy table view to reflect the changes made by the deletion.
- **Functionality:**
  - Refreshes the table view, removing the deleted Alloy record from the list.

Building 8-2-293-82/A, Plot 1107, Road Number 55,
opposite Peddamma Talli Temple, CBI Colony,
Jubilee Hills, Hyderabad, Telangana 500033

- Pagination Update: Adjusts the pagination if necessary, ensuring the remaining records are displayed correctly.

1.8.4.6 Data Requirements

None.

1.8.4.7 Non-Functional Requirements

None.

1.8.4.8 Configurations

None.

1.8.4.9 Flowchart

None.

1.8.4.10 Additional Notes

None.