

REQUIREMENT DOCUMENT



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Revision History

Name	Date	Reason For Changes	Version





REQUIREMENT DOCUMENT

1. Admin Module

The **Admin Module** in the Jewellery ERP system is designed to provide comprehensive control over system configuration, user management, and security. This module enables administrators to define user roles, set access permissions, and manage user accounts, ensuring that each user has appropriate access to modules and data based on their role. Additionally, it offers settings for configuring master data, including product categories, pricing, tax configurations, and vendor details, which form the backbone of the ERP's operations. The Admin Module also includes tools for monitoring system performance, managing backups, and configuring workflows, providing a secure and streamlined environment that supports the unique needs of the jewellery industry. This centralized control empowers administrators to maintain system integrity, streamline operations, and ensure data accuracy across the ERP.

1.1 Group Category

Group Category refers to the structured process of defining, organizing, and managing records for the types of metals used in jewellery production. It involves creating detailed entries in a system or database that specify key attributes of each metal, such as its name, abbreviation, and operational status (e.g., active or inactive). This process ensures consistency and accuracy in tracking, utilizing, and referencing metals across various jewellery design, manufacturing, and management workflows.

1.1.1 Table View

1.1.1.1 Purpose

The Data View in Group Category is designed to provide a comprehensive and organized interface for viewing, managing, and analysing the records of metals used in jewellery production. It serves as a central hub where users can efficiently access and manage metal-related data.

1.1.1.2 User Type

Sioniq Users Only.





1.1.1.3 Screen Layout

The screenshot displays the 'Group Category' management interface. On the left is a dark sidebar menu with the SIONIQ.AI logo and navigation options: Admin, Organization, Finance, HRMS, Setup (expanded), Group Category (selected), Artical Master Setup, Geo Location Setup, Country Creation, State Creation, District Creation, City Creation, Zipcode Creation, and Area Creation. The main content area has a header with the SIONIQ.AI logo, a search bar, and a 'Search' button. Below the header, there's a 'Group Category' title, a breadcrumb 'Admin > Setup > Group Category', and a search bar with a magnifying glass icon. To the right of the search bar are 'Add', 'Export', and 'Import' buttons. Below the search bar is a 'Display' dropdown menu set to '5'. The main area contains a table with the following data:

Name	Short Name	Status	Action
Gold	GLD	Active	
Silver	SIL	Active	
Platinum	PLT	Active	

At the bottom of the table, it says 'Showing 1 to 5 of 4 entries' and a pagination control with numbers 1, 2, 3, 4, 5, 6 and arrows. The footer of the page contains 'Sri Bhavani Gems & Jewels Pvt Ltd' on the left and '2024 © SIONIQ' on the right.

1.1.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter the group category records displayed in the table.
- **Functionality:**
 - Enables users to search by attributes such as Name, Short Name, Status, Action.
 - Dynamically updates the displayed table to show only results that match the search criteria.

○ Display Dropdown

- **Description:** A dropdown to control the number of rows shown in the table at a time.
- **Options:** Common choices such as 5, 10, 20, All rows per page.
- **Functionality:**
 - Allows users to set how many group category records are displayed per page.
 - The table updates immediately based on the selected number of rows.





○ Button

• Add Button

- **Label:** "New"
- **Functionality:** Opens the Group Category Creation Form to add a new group category record to the system.

• Export Button

- **Label:** "Export" (or icon button as specified)
- **Functionality:**
 - Allows users to export the displayed group category data in various file formats, such as Excel.
 - Exports either all or filtered data based on the current view and search filter.

• Import Button

- **Label:** "Import" (or icon button as specified)
- **Functionality:**
 - Redirects users to the Import Form page, where group category data can be imported from external files.

○ Tabular View

- **Description:** Displays a structured view of all registered group category.

• Columns:

- **Name:** Displays group category names like "Gold," "Silver," and "Platinum."
- **Short Name:** Displays abbreviations like "GLD," "SIL," and "PLT."
- **Status:** Displays the current status of the group category (e.g., Active or Inactive).
- **Action:** Provides options to **Edit** or **Delete** the respective group category record.
 - **Status:**
 - "Active" if the checkbox is checked in the form.
 - "Inactive" if the checkbox is unchecked in the form.
- **Action:**
 - **Edit:** Opens the Group Category Creation Form populated with the group category details for editing (permission-based).
 - **Delete:** Triggers a delete confirmation prompt to remove the selected group category record from the system (permission-based).





○ **Paging for Table View**

- **Description:** Includes pagination controls at the bottom of the table to navigate through multiple pages of group category records.
- **Functionality:**
 - Provides navigation buttons (e.g., "Previous" and "Next") to move between pages.
 - Shows page numbers, allowing users to jump directly to a specific page.
 - Updates the displayed group category records based on the selected page, making it easy to manage large datasets.

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 Group Category Table View is sourced from the Group Category Table
- **Fields and Requirements:**
 - **Name:** Displays group category names like Gold, Silver, and Platinum.
 - **Short Name:** Displays abbreviations like GLD, SIL, and PLT.
 - **Status:** Displays the current status of the group category (e.g., Active or Inactive).
 - **Action:** Provides options to **Edit** or **Delete** the respective group 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:** Controls the visibility and accessibility of buttons and actions based on user roles or permissions.

○ **Available Permissions:**

- **Add Group Category Permission:** Grants access to the "Add Group Category" 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:** Sioniq Admins or authorized Sioniq users can assign permissions to individual Sioniq users.

1.1.1.9 Flowchart

None.

1.1.1.10 Additional Notes

None.

1.1.2 Create Group Category

1.1.2.1 Purpose

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

1.1.2.2 User Type

Sioniq User Only.

1.1.2.3 Screen Layout

The screenshot displays the Sioniq ERP system's 'Group Category' creation interface. On the left, a dark sidebar menu lists various system modules, with 'Setup' expanded to show 'Group Category' as the active selection. The main content area features a form with three input fields: 'Name' (with a placeholder 'Enter Name'), 'Short Name' (with a placeholder 'Enter Short Name'), and 'Is Active' (a checked checkbox). Below these fields are two buttons: a blue 'Submit' button and a purple 'Clear' button. The top of the interface includes a search bar, a navigation menu with icons for home, grid, calendar, notifications, settings, and user profile, and a user profile card showing the date '22/10/2024' and the name 'KPHB'. The footer of the page contains the text 'Sri Bhavani Gems & Jewels Pvt Ltd' on the left and '2024 © SIONIQ' on the right.





1.1.2.4 UI Elements

○ Group Category Name

- **Type:** Text Input (Text Editor)
- **Label:** Name
- **Description:** Input field for entering the group category full name.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters
 - **Allowed Characters:** Letters, spaces, and special characters (e.g., apostrophes).

○ Group Category Short Name

- **Type:** Text Input (Text Editor)
- **Label:** Short Name
- **Description:** Input for an abbreviated name of the group category.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 2 - 5 characters
 - **Allowed Characters:** Uppercase letters only (e.g., GLD, SIL)

○ Status

- **Type:** Checkbox
- **Label:** Is Active
- **Editable:** Yes
- **Default Value:** Checked (True)
- **Behavior:**
 - **Checked:** The group category is active and visible in the system.
 - **Unchecked:** The group category is inactive but retained in the database.





○ **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"
- **Editable:** No (Standard Button)
- **Description:** Closes the Group Category Creation Form and returns the user to the main Group Category table view, discarding any unsaved changes.
- **Behavior:** Cancels any unsaved changes and navigates back.
- **Validation:**
 - **Required:** No





1.1.2.5 Functional Requirements

○ Actions

● Submit Button Click

- **Action:** Triggers form submission if all required fields (Group Category Name, Group Category Short Name, and Status) contain valid values.
- **Outcome:**
 - **Create Operation:** If it's a new entry, saves the new group category information to the database.
 - **Update Operation:** If editing an existing entry, updates the group category information.

○ Validation

● Mandatory Fields

- **Fields:** Group Category Name, Group Category Short Name, Status, are required fields.
- **Behavior:**
 - Users must enter valid 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.
- **Behavior:** The system displays specific error messages indicating which field(s) are missing values.
- **Message Examples:**
 - "Group Category Name is required" if the Group Category Name field is empty.
 - "Group Category Short Name is required" if the Group Category Short Name field is empty.
 - "Status is required" if the Status field is empty.

● Validation Errors

- **Condition:** If any field does not meet the required format or constraints.
- **Behavior:** The system displays an error message specifying the field and the expected input.





○ Behavior

• Successful Submission

- If all required fields are valid, the form data is saved in the database, and a success confirmation is displayed.

• Form Reset

- Clicking the **Clear Button** resets all form fields to default values after user confirmation.

• Navigation

- Clicking the **Previous Button** discards unsaved changes and navigates back to the Metal Table View.

1.1.2.6 Data Requirements

None.

1.1.2.7 Non-Functional Requirements

None.

1.1.2.8 Configurations

None.

1.1.2.9 Flowchart

None.

1.1.2.10 Additional Notes

None.

1.1.3 Update Group Category

1.1.3.1 Purpose

Update Group Category refers to the process of modifying or editing an existing group category record in a jewellery system. This functionality allows users to update key details of a group category entry such as its full name, short name (abbreviation), and its status (active or inactive). This is typically necessary when group category characteristics change over time, such as a rebranding of its name, an update to its abbreviation, or a change in its availability for use.

1.1.3.2 User Type

Sioniq Users.





1.1.3.3 Screen Layout

Same Create Group Category layout.

1.1.3.4 UI Elements

Same Create Group 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 Group Category table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected Group Category's existing details (e.g., Name, Short Name, Status, etc.) into the **Group Category Creation Form**.
 - Pre-populates all form fields with the current values of the selected group category record to enable editing.
 - **Expected Outcome:** The **Group Category Creation Form** is populated with the selected group category's current data, ready for modification.

○ **Modify Group Category Details**

- **Description:** Allows users to edit one or more fields of the group category record, such as Name, Short Name and more.
- **Fields Available for Update:**
 - **Name:** Update the full name of the group category.
 - **Short Name:** Change the abbreviated name for the group 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:
 - Group Category Name
 - Group Category Short Name
 - Status





- **Specific Field Validation:**
 - **Group Category Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
 - **Short Name:** 2 to 5 uppercase letters.
- **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
 - " Group Category Name is required."
 - " Group Category 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 metal details to the database and refreshes the group category table to reflect the changes.
 - Displays a success message confirming the update, such as: " Group Category details have been successfully updated."
 - **Expected Outcome:** The updated group category 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 group 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 group 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: " Group 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 Group Category

1.1.4.1 Purpose

The **Remove Group Category** document outlines the purpose and functionality for removing or deactivating group category records from the jewellery system. This process is crucial for maintaining the integrity and relevance of the data, ensuring that obsolete or no longer needed group category entries are properly handled.

1.1.4.2 User Type

Sioniq Users.

1.1.4.3 Screen Layout

The screenshot shows the SIONIQ.AI web application interface. The left sidebar contains a navigation menu with options like Admin, Organization, Finance, HRMS, Setup, Group Category, Artical Master Setup, Geo Location Setup, Country Creation, State Creation, District Creation, City Creation, Zipcode Creation, and Area Creation. The main content area displays the 'Group Category' management page, which includes a search bar, a 'Display' dropdown set to 5, and a table with columns for Name, Short Name, Status, and Action. The table lists three entries: Gold (GLD, Active), Silver (Active), and Platinum (Active). A modal dialog box is overlaid on the table, asking 'Are you sure, Delete this Group Category' with 'Yes' and 'No' buttons. The footer of the application shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2024 © SIONIQ'.





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 group 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 group 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 group category?"
 - **Options:**
 - **Yes:** Confirms the deletion and proceeds with removing the group category record.
 - **No:** Cancels the delete action without making any changes.
 - **Expected Outcome:** The group category record is deleted only when the user confirms by selecting **Yes**.





○ **Delete Execution**

- **Description:** After confirmation, the system marks the group category record as deleted in the database.
- **Functionality:**
 - **Data Removal:**
 - Updates the selected group category record's status to "Status=0" in the database.
 - **Dependencies Check:**
 - Before deletion, the system checks for any dependencies (e.g., associated category's, Article Master, inventory, or transactions).
 - **If dependencies exist:**
 - Displays a message: "Cannot delete group 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:
 - " Group Category has been successfully deleted."
 - **Expected Outcome:** The user receives confirmation that the record was deleted.

○ **Refresh Table View**

- **Description:** Updates the group category table view to reflect the changes made by the deletion.
- **Functionality:**
 - **Refresh Table:**
 - Automatically removes the deleted group 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 Article Master Setup

The Article Master Setup is a configurable interface designed to efficiently manage article categories within the system. It offers users the flexibility to define and organize categories while simplifying inventory management. This setup aligns category creation with the operational structure and business rules of a business, ensuring consistency, accuracy, and improved efficiency in maintaining article data.

1.2.1 Table View

1.2.1.1 Purpose

The Article Master Setup Table View provides a comprehensive and organized overview of all article categories defined in the ERP system. It displays crucial information such as category names, alias names, and their associated group categories, offering users a clear understanding of the article master structure. This view helps users assess and manage the design of the Article Master, including the number of categories required and the alias names to be displayed in the application.

The table includes filtering options, enabling users to narrow their search based on group categories or alias names, ensuring efficient navigation and organization. With action buttons for editing and deleting entries, users can conveniently modify or remove categories as needed, keeping the Article Master aligned with inventory and operational requirements. This setup ensures that the Article Master remains well-structured and reflects the current business needs effectively.

1.2.1.2 User Type

Registered Users, Admins.



1.2.1.3 Screen Layout

The screenshot displays the 'Article Master Setup' page in the SIONIQ.AI application. The page features a dark sidebar menu on the left with categories like 'Admin', 'Organization', 'Finance', 'HRMS', and 'Setup'. The main content area has a search bar at the top, a 'New' button, and an 'Export' button. Below these is a table with the following data:

Category	Alias Name	Create Option With	Is Mandatory	Status	Action
Category 1	Product	Common	Gold, Silver, Platinum	Active	[Delete] [Edit]
Category 2	Style	Group Category	Gold	Active	[Delete] [Edit]
Category 3	Model	Category	Null	Active	[Delete] [Edit]

At the bottom of the table, it says 'Showing 1 to 5 of 28 entries' and includes pagination controls (1, 2, 3, 4, 5, 6). The footer of the page shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2024 © SIONIQ'.

1.2.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter article master setup displayed in the table.
- **Functionality:**
 - Enables users to search by Category, Alias Name, Create Option With, or Is Mandatory.
 - 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 Article Master Setup records displayed per page.
 - Updates the table view immediately based on the selected number of rows.

○ Add Filter Button

- **Label:** "Filter"
- **Functionality:**
 - Opens a filter panel or dropdown to allow users to filter the displayed article master setup based on the selected Category, Alias Name, Create Option With, or Is Mandatory.
 - Updates the displayed article master setup records dynamically to match the selected filter.

○ Buttons

- **Add Button**
 - **Label:** "New"
 - **Functionality:** Opens the Article Master Setup Creation Form to add a new category record.





- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Allows users to export the displayed Article Master Category's 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 Article Master Category's data.
- **Tabular View**
 - **Description:** Displays a structured view of all article master category's details registered in the system.
 - **Columns:**
 - **Category:** Displays the category number associated with the activated article master categories.
 - **Alias Name:** Shows the name of the article master category.
 - **Create Option With:** Display the how article categories will create.
 - **Is Mandatory:** Display the mandatory group categories that require entry when creating an article master.
 - **Status:** Displays the active/inactive status of the article master category.
 - **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 article master category record (permission-based).
 - **Functionality:** Triggers a delete confirmation prompt before proceeding.
 - **Edit:** Allows modification of the article master category information (permission-based).
 - **Functionality:** Opens the Article Master Setup Creation Form populated with the selected category data for editing.
- **Paging for Table View**
 - **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of article master category'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 article master category records based on the selected page.





1.2.1.5 Functional Requirements

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

1.2.1.6 Data Requirements

None.

1.2.1.7 Non-Functional Requirements

None.

1.2.1.8 Configurations

○ **Functionality:**

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

○ **Available Permissions:**

- **Add Article Master Category Permission:** Grants access to the "Add Article Master Category" 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.

1.2.1.9 Flowchart

None.

1.2.1.10 Additional Notes

None.

1.2.2 Create Article Master Setup

1.2.2.1 Purpose

This section allows users to configure the Article Master in the ERP system. Users can define key settings such as the design of the Article Master, the number of categories required, and the alias names for each category. This setup ensures a structured and consistent organization of article data, improving usability, operational efficiency, and reporting accuracy within the system. By customizing the categories and alias names, businesses can tailor the Article Master to meet specific industry requirements and streamline their inventory and product management processes.





1.2.2.2 User Type

Registered Users, Admins.

1.2.2.3 Screen Layout

1.2.2.4 UI Elements

○ Alias Name

- **Type:** Text Input (Text Editor)
- **Label:** “Alias Name”
- **Editable:** Yes
- **Description:** Input field for entering the represents the name of the Article Category as displayed in the application. Serves as a reference point for identifying different categories.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters
 - **Allowed Characters:** Letters, spaces, and special characters (e.g., apostrophes).

○ Create Option with

- **Type:** Dropdown
- **Label:** Create Option With
- **Editable:** Yes
- **Description:** Allows users to select how article categories will be created





- **Validation:** Required
- **Options:**
 - Common
 - Group Category
 - Category
- **Is Mandatory**
 - **Type:** Dropdown
 - **Label:** Is Mandatory
 - **Editable:** Yes
 - **Description:** Specifies mandatory group categories (e.g., Gold, Silver, Platinum) that require entry when creating an article master.
 - **Validation:** Required
 - **Options:** List of all group categories
 - **Source:** Import form “Group Category” Table
- **Is Visible**
 - **Type:** Dropdown
 - **Label:** Is Visible
 - **Editable:** Yes
 - **Description:** Specifies visible categories (e.g., Gold, Diamond, Kunda, Silver, Silver Jewellers, Platinum) that require entry when creating an article master.
 - **Validation:** Required
 - **Options:** List of all categories
 - **Source:** Import form “Category” Table
- **Status**
 - **Type:** Checkbox
 - **Label:** Is Active
 - **Editable:** Yes
 - **Default Value:** Checked (True)
 - **Behavior:**





- **Checked:** The category is active and visible in the system.
- **Unchecked:** The category is inactive but retained in the database.

- **Add Category Button**
 - **Type:** Button
 - **Label:** Add Category
 - **Editable:** No (Standard Button)
 - **Description:** Adds more article categories using the above UI Elements.
 - **Validation:**
 - Ensures that the user can add up to **20 categories** only.
 - **Behavior:**
 - **Action:**
 - On each click, dynamically adds a new set of UI elements (e.g., Alias Name, Create Option With, Is Mandatory, and Status) to the form for creating another category.
 - **Limits:**
 - Restricts the number of categories to a maximum of 20.
 - If the limit is reached, disables the **Add Category** button and displays an informational message, e.g., "Maximum of 20 categories can be added."
 - **UI Layout:**
 - Ensures the newly added category fields are displayed in a structured and visually consistent manner.

- **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.

1.2.2.5 Functional Requirements

- **Actions**
 - **Submit Button Click**
 - **Action:** Triggers form submission if all required fields (Alias Name, and Create Option With) contain valid values.
 - **Outcome:**
 - Saves entered data to the system If all required fields are valid.
- **Validation**
 - **Mandatory Fields**
 - **Fields:** "Alias Name", "Create Option With" are required fields.
 - **Behavior:**
 - Users must enter valid 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 the "Error Messages" section).
 - **Conditional Validation**
 - **Add Category Button:**





- On each click, dynamically adds a new set of UI elements (e.g., Alias Name, Create Option With, Is Mandatory, Status) to the form for creating another category.
- If the limit is reached, disables the **Add Category** button and displays an informational message, e.g., "Maximum of 20 categories can be added."
- **Duplicate Categories:**
 - Validates that category names are unique across all added categories.
 - Displays an error message if duplicates are found, e.g., "Category names must be unique."

○ Error Messages

• Submit Attempt with Missing Values

- **Condition:** If one or more required fields are missing a value when the user clicks Submit.
- **Behavior:** The system displays specific error messages indicating which field(s) are missing values.
- **Message Examples:**
 - "Alias Name is required" if the Alias Name field is empty.
 - "Create Option With must be selected" if the Create Option with field is empty.

• Validation Errors

- **Condition:** If any field does not meet the required format or constraints.
- **Behavior:** The system displays an error message specifying the field and the expected input.
- **Message Examples:**
 - "Alias Name exceeds character limit."

○ Behavior

• Successful Submission

- If all required fields are valid, the form data is saved in the database, and a success confirmation is displayed.

• Form Reset

- Clicking the Clear Button resets all form fields to default values after user confirmation.



1.2.2.6 Data Requirements

○ **Is Mandatory**

- **Source:** Main Category Table
- **Usage:** Populates the "Is Mandatory" dropdown in the Article Master Setup form.
- **Details:** Contains a list of all Main Category registered in the system.

1.2.2.7 Non-Functional Requirements

None.

1.2.2.8 Configurations

None.

1.2.2.9 Flowchart

1.2.2.10 Additional Notes

None.

1.2.3 Update Article Master Setup

1.2.3.1 Purpose

The **Article Master Edit** section allows authorized users to modify existing Article Master setup records to maintain accurate and up-to-date information. This ensures that the ERP system remains aligned with evolving design requirements, category structures, and business needs.

1.2.3.2 User Type

Registered Users, Admins

1.2.3.3 Screen Layout

Same Create Article Master Setup layout.

1.2.3.4 UI Elements

Same Create Article Master Setup 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 Article Master Setup table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected article master category existing details (e.g., Alias Name, Create Option With, Is Mandatory, etc.) into the **Article Master Setup Creation Form**.
 - Pre-populates all form fields with the current values of the selected article master category record to enable editing.
 - **Expected Outcome:** The **Article Master Setup Creation Form** is populated with the selected article master category current data, ready for modification.
- **Modify Article Master Category Details**
 - **Description:** Allows users to edit one or more fields of the article master category record, such as Alias Name, Create Option With, Is Mandatory, and more.
 - **Fields Available for Update:**
 - **Alias Name:** Update the alias name of the category.
 - **Create Option With:** Change Create Option for the category.
 - **Is Mandatory:** Modify the Mandatory 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:
 - Alias Name
 - Create Option With
 - **Specific Field Validation:**
 - **Alias Name:** Up to 50 characters, allows letters, spaces, and certain special characters.





- **Create Option With:** Must select an option from the dropdown.
 - **Is Mandatory:** Valid options must be selected for Mandatory.
 - **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
 - "Alias Name is required."
 - "Create Option With must be selected."
 - **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 article master setup category details to the database and refreshes the article master setup table to reflect the changes.
 - Displays a success message confirming the update, such as: "Article Master Setup Category details have been successfully updated."
 - **Expected Outcome:** The updated article master setup category 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 article master setup 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 article master 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: "Article Master Setup Category 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 Article Master Setup

1.2.4.1 Purpose

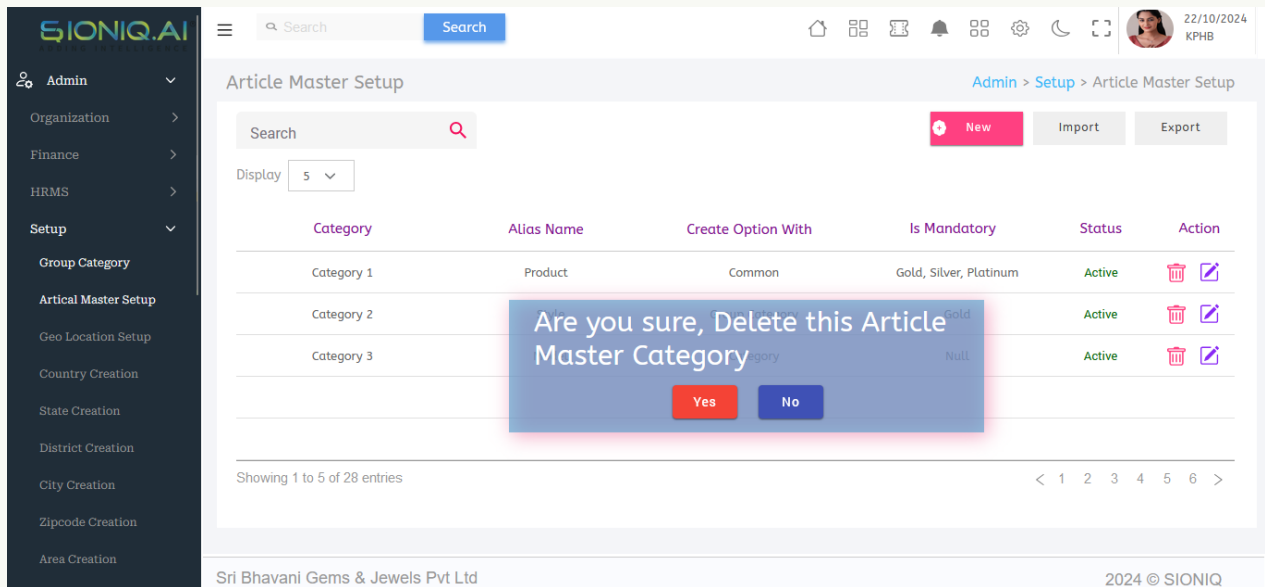
The Article Master Setup Remove functionality allows authorized users to delete existing article master setup category records from the system. This feature ensures that obsolete or incorrect article master setup category data can be effectively managed, supporting accurate record maintenance and operational efficiency. The deletion process is permission-controlled and includes safeguards such as a confirmation prompt to prevent accidental removal of critical data.

1.2.4.2 User Type

Registered Users, Admins



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 article master setup.
- **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 article master setup 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 article master setup category?"
 - **Options:**
 - **Yes:** Confirms the deletion and proceeds with removing the article master category record.
 - **No:** Cancels the delete action without making any changes.
 - **Expected Outcome:** The article master setup category record is deleted only when the user confirms by selecting **Yes**.

○ Delete Execution

- **Description:** After confirmation, the system marks the article master category record as deleted in the database.
- **Functionality:**
 - **Data Removal:**
 - Updates the selected article master category record's status to "Status=0" in the database.
 - **Dependencies Check:**
 - Before deletion, the system checks for any dependencies (e.g., associated master, inventory, or transactions).
 - **If dependencies exist:**
 - Displays a message: "Cannot delete article master setup 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:
 - "Article Master Setup Category has been successfully deleted."
 - **Expected Outcome:** The user receives confirmation that the record was deleted.

○ **Refresh Table View**

- **Description:** Updates the article master setup table view to reflect the changes made by the deletion.
- **Functionality:**
 - **Refresh Table:**
 - Automatically removes the deleted article master setup 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 category, 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 Stone Master Setup

The Stone Master Setup is a configurable interface designed to efficiently manage stone article categories within the system. It offers users the flexibility to define and organize categories while simplifying inventory management. This setup aligns category creation with the operational structure and business rules of a business, ensuring consistency, accuracy, and improved efficiency in maintaining stone article data.

1.3.1 Table View

1.3.1.1 Purpose

The Stone Master Setup Table View provides a comprehensive and organized overview of all stone categories defined in the ERP system. It displays crucial information such as category alias names, and their associated group categories, offering users a clear understanding of the stone master structure. This view helps users access and manage the design of the Stone Master, including the number of categories required and the alias names to be displayed in the application.

The table includes filtering options, enabling users to narrow their search based on group categories or alias names, ensuring efficient navigation and organization. With action buttons for editing and deleting entries, users can conveniently modify or remove categories as needed, keeping the Stone Master aligned with inventory and operational requirements. This setup ensures that the Stone Master remains well-structured and reflects the current business needs effectively.

1.3.1.2 User Type

Registered Users, Admins.

1.3.1.3 Screen Layout

The screenshot displays the 'Stone Master Setup' interface. On the left is a navigation sidebar with categories like Admin, Organization, Finance, HRMS, Setup, and Artical Master Setup. The main area shows a table with the following data:

Stone Category	Alias Name	Dependency	Option In	Status	Action
Stone Category 1	Shape	Null	Stone Article Master	Active	[Delete] [Edit]
Stone Category 2	Sieve	Null	Stone Group	Active	[Delete] [Edit]
Stone Category 3	Size	Null	Stone Group	Active	[Delete] [Edit]
Stone Category 4	Color	Stone Category	Stone Sub Category	Active	[Delete] [Edit]
Stone Category 5	Clarity	Stone Group	Stone Group	Active	[Delete] [Edit]

At the bottom of the table, it says 'Showing 1 to 5 of 28 entries' and includes pagination controls (1, 2, 3, 4, 5, 6). The footer of the page reads 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2024 © SIONIQ'.



1.3.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter stone master setup displayed in the table.
- **Functionality:**
 - Enables users to search by Stone Category, Alias Name, Dependency, or Option In.
 - 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 Stone Master Setup records displayed per page.
 - Updates the table view immediately based on the selected number of rows.

○ Add Filter Button

- **Label:** "Filter"
- **Functionality:**
 - Opens a filter panel or dropdown to allow users to filter the displayed stone master setup based on the selected Stone Category, Alias Name, Option in, or Dependency.
 - Updates the displayed stone master setup records dynamically to match the selected filter.

○ Buttons

- **Add Button**
 - **Label:** "New"
 - **Functionality:** Opens the Stone Master Setup Creation Form to add a new stone category record.
- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Allows users to export the displayed Stone Master Category's 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 Stone Master Category's data.

○ Tabular View

- **Description:** Displays a structured view of all stone master category's details registered in the system.
- **Columns:**





- **Stone Category:** Displays the category number associated with the activated stone master categories.
 - **Alias Name:** Shows the name of the stone master category.
 - **Dependency:** Indicates the criteria or dependencies based on which the stone categories are created.
 - **Option In:** Displays the method or grouping option selected for creating the stone categories.
 - **Status:** Displays the active/inactive status of the stone master category.
 - **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 stone master category record (permission-based).
 - **Functionality:** Triggers a delete confirmation prompt before proceeding.
 - **Edit:** Allows modification of the stone master category information (permission-based).
 - **Functionality:** Opens the Stone Master Setup Creation Form populated with the selected category data for editing.
- **Paging for Table View**
- **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of stone master category'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 stone master category records based on the selected page.

1.3.1.5 Functional Requirements

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

1.3.1.6 Data Requirements

None.

1.3.1.7 Non-Functional Requirements

None.

1.3.1.8 Configurations

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





- **Add Stone Master Category Permission:** Grants access to the "Add Stone Master Category" 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.

1.3.1.9 Flowchart

None.

1.3.1.10 Additional Notes

None.

1.3.2 Create Stone Master Setup

1.3.2.1 Purpose

This section allows users to configure the Stone Master in the ERP system. Users can define key settings such as the design of the Stone Master, the number of categories required, and the alias names for each category. This setup ensures a structured and consistent organization of stone data, improving usability, operational efficiency, and reporting accuracy within the system. By customizing the categories and alias names, businesses can tailor the Stone Master to meet specific industry requirements and streamline their inventory and product management processes.

1.3.2.2 User Type

Registered Users, Admins.



1.3.2.3 Screen Layout

1.3.2.4 UI Elements

○ Alias Name

- **Type:** Text Input (Text Editor)
- **Label:** "Alias Name"
- **Editable:** Yes
- **Description:** Input field for specifying the name of the Stone Category as displayed in the system. This serves as a key reference for identifying and managing various stone categories.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters
 - **Allowed Characters:** Letters, spaces, and special characters (e.g., apostrophes).

○ Dependency

- **Type:** Dropdown
- **Label:** Dependency
- **Editable:** Yes
- **Description:** Allows users to define dependencies for the stone category, determining how categories will interact or relate to other entities



- **Validation:** Required
- **Options:**
 - Null
 - Stone Group
 - Stone Category
 - Stone Sub Category

○ **Option In**

- **Type:** Dropdown
- **Label:** Option In
- **Editable:** Yes
- **Description:** Defines the options or groups within which the stone category will be created or organized.
- **Validation:** Required
- **Options:**
 - Stone Group
 - Stone Category
 - Stone Sub Category
 - Stone Article Master

○ **Status**

- **Type:** Checkbox
- **Label:** Is Active
- **Editable:** Yes
- **Default Value:** Checked (True)
- **Behavior:**
 - **Checked:** The category is active and visible in the system.
 - **Unchecked:** The category is inactive but retained in the database.

○ **Add Category Button**





- **Type:** Button
 - **Label:** Add Category
 - **Editable:** No (Standard Button)
 - **Description:** Adds additional stone categories using the above UI Elements.
 - **Validation:**
 - Ensures that the user can add up to **20 categories** only.
 - **Behavior:**
 - **Action:**
 - On each click, dynamically adds a new set of fields (e.g., Alias Name, Dependency, Option-In, and Status) to the form for creating additional categories.
 - **Limits:**
 - Restricts the number of categories to a maximum of 20.
 - If the limit is reached, disables the **Add Category** button and displays an informational message, e.g., "Maximum of 20 categories can be added."
 - **UI Layout:**
 - Ensures the newly added category fields are displayed in a structured and visually consistent manner.
-
- **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.

1.3.2.5 *Functional Requirements*

○ **Actions**

- **Submit Button Click**
 - **Action:** Triggers form submission if all required fields (Alias Name, Dependency, and Option-In) contain valid values.
 - **Outcome:**
 - Saves entered data to the system If all required fields are valid.

○ **Validation**

- **Mandatory Fields**
 - **Fields:** “Alias Name”, “Dependency”, “Option-In” are required fields.
 - **Behavior:**
 - Users must enter valid 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 the "Error Messages" section).
- **Conditional Validation**
 - **Add Category Button:**
 - On each click, dynamically adds a new set of UI elements (e.g., Alias Name, Dependency, Option-In, Status) to the form for creating another category.





- If the limit is reached, disables the **Add Category** button and displays an informational message, e.g., "Maximum of 20 categories can be added."
- **Duplicate Categories:**
 - Validates that category names are unique across all added categories.
 - Displays an error message if duplicates are found, e.g., "Category names must be unique."

○ Error Messages

• Submit Attempt with Missing Values

- **Condition:** If one or more required fields are missing a value when the user clicks Submit.
- **Behavior:** The system displays specific error messages indicating which field(s) are missing values.
- **Message Examples:**
 - "Alias Name is required" if the Alias Name field is empty.
 - "Option-In must be selected" if the Option-In field is empty.
 - "Dependency must be selected" if the Dependency field is empty.

• Validation Errors

- **Condition:** If any field does not meet the required format or constraints.
- **Behavior:** The system displays an error message specifying the field and the expected input.
- **Message Examples:**
 - "Alias Name exceeds character limit."

○ Behavior

• Successful Submission

- If all required fields are valid, the form data is saved in the database, and a success confirmation is displayed.

• Form Reset

- Clicking the Clear Button resets all form fields to default values after user confirmation.

1.3.2.6 Data Requirements

None.

1.3.2.7 Non-Functional Requirements

None.





1.3.2.8 Configurations

None.

1.3.2.9 Flowchart

1.3.2.10 Additional Notes

None.

1.3.3 Update Stone Master Setup

1.3.3.1 Purpose

The **Stone Master Edit** section allows authorized users to modify existing Stone Master setup records to maintain accurate and up-to-date information. This ensures that the ERP system remains aligned with evolving design requirements, category structures, and business needs.

1.3.3.2 User Type

Registered Users, Admins

1.3.3.3 Screen Layout

Same Create Stone Master Setup layout.

1.3.3.4 UI Elements

Same Create Stone Master Setup 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 Stone Master Setup table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected stone master category existing details (e.g., Alias Name, Dependency, Option-In, etc.) into the **Stone Master Setup Creation Form**.
 - Pre-populates all form fields with the current values of the selected stone master category record to enable editing.





- **Expected Outcome:** The **Stone Master Setup Creation Form** is populated with the selected stone master category current data, ready for modification.

○ **Modify Stone Master Category Details**

- **Description:** Allows users to edit one or more fields of the stone master category record, such as Alias Name, Dependency, Option-In, and more.
- **Fields Available for Update:**
 - **Alias Name:** Update the alias name of the category.
 - **Dependency:** Change Dependency for the category.
 - **Option-In:** Change Option-In for the 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:
 - Alias Name
 - Dependency
 - Option-In
 - **Specific Field Validation:**
 - **Alias Name:** Up to 50 characters, allows letters, spaces, and certain special characters.
 - **Dependency:** Must select an option from the dropdown.
 - **Option-In:** Valid option must be selected for Option-In.
 - **Error Handling:** If validation fails, display specific error messages to guide the user, such as:
 - "Alias Name is required."
 - "Dependency must be selected."
 - "Option-In must be selected."





- **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 stone master setup category details to the database and refreshes the stone master setup table to reflect the changes.
 - Displays a success message confirming the update, such as: "Stone Master Setup Category details have been successfully updated."
 - **Expected Outcome:** The updated stone master setup category 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 stone master setup 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 stone master 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: "Stone Master Setup Category 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 Article Master Setup

1.3.4.1 Purpose

The Stone Master Setup Remove functionality allows authorized users to delete existing stone master setup category records from the system. This feature ensures that obsolete or incorrect stone master setup category data can be effectively managed, supporting accurate record maintenance and operational efficiency. The deletion process is permission-controlled and includes safeguards such as a confirmation prompt to prevent accidental removal of critical data.

1.3.4.2 User Type

Registered Users, Admins

1.3.4.3 Screen Layout

The screenshot displays the SIONIQ.AI web application interface for the Stone Master Setup. The left sidebar contains a navigation menu with categories like Admin, Organization, Finance, HRMS, Setup, and various creation options. The main content area shows a table with columns: Stone Category, Alias Name, Dependency, Option In, Status, and Action. A confirmation dialog is overlaid on the table, asking 'Are you sure, Delete this Stone Master Category?' with 'Yes' and 'No' buttons. The footer of the interface includes the company name 'Sri Bhavani Gems & Jewels Pvt Ltd' and the year '2024 © SIONIQ'.

Stone Category	Alias Name	Dependency	Option In	Status	Action
Stone Category 1	Shape	Null	Stone Article Master	Active	
Stone Category 2	Color	Stone Group	Stone Group	Active	
Stone Category 3	Clarity	Stone Group	Stone Sub Category	Active	
Stone Category 4	Color	Stone Group	Stone Sub Category	Active	
Stone Category 5	Clarity	Stone Group	Stone Group	Active	



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 stone master setup.
- **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 stone master setup 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 stone master setup category?"
 - **Options:**
 - **Yes:** Confirms the deletion and proceeds with removing the stone master category record.
 - **No:** Cancels the delete action without making any changes.



- **Expected Outcome:** The stone master setup category record is deleted only when the user confirms by selecting **Yes**.

- **Delete Execution**
 - **Description:** After confirmation, the system marks the stone master category record as deleted in the database.
 - **Functionality:**
 - **Data Removal:**
 - Updates the selected stone master category record's status to "Status=0" in the database.
 - **Dependencies Check:**
 - Before deletion, the system checks for any dependencies (e.g., associated master, inventory, or transactions).
 - **If dependencies exist:**
 - Displays a message: "Cannot delete stone master setup 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:
 - "Stone Master Setup Category has been successfully deleted."
 - **Expected Outcome:** The user receives confirmation that the record was deleted.

- **Refresh Table View**
 - **Description:** Updates the stone master setup table view to reflect the changes made by the deletion.
 - **Functionality:**
 - **Refresh Table:**





- Automatically removes the deleted stone master setup 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 category, 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.

