

REQUIREMENT DOCUMENT



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Revision History

Name	Date	Reason For Changes	Version





REQUIREMENT DOCUMENT

1 Introduction

1.1 Purpose

<Identify the product whose software requirements are specified in this document, including the revision or release number. Describe the scope of the product that is covered by this SRS, particularly if this SRS describes only part of the system or a single subsystem.>

1.2 Document Conventions

<Describe any standards or typographical conventions that were followed when writing this SRS, such as fonts or highlighting that have special significance. For example, state whether priorities for higher-level requirements are assumed to be inherited by detailed requirements, or whether every requirement statement is to have its own priority.>

1.3 Intended Audience and Reading Suggestions

<Describe the different types of reader that the document is intended for, such as developers, project managers, marketing staff, users, testers, and documentation writers. Describe what the rest of this SRS contains and how it is organized. Suggest a sequence for reading the document, beginning with the overview sections and proceeding through the sections that are most pertinent to each reader type.>

1.4 Project Scope

<Provide a short description of the software being specified and its purpose, including relevant benefits, objectives, and goals. Relate the software to corporate goals or business strategies. If a separate vision and scope document is available, refer to it rather than duplicating its contents here. An SRS that specifies the next release of an evolving product should contain its own scope statement as a subset of the long-term strategic product vision.>

1.5 References

<List any other documents or Web addresses to which this SRS refers. These may include user interface style guides, contracts, standards, system requirements specifications, use case





documents, or a vision and scope document. Provide enough information so that the reader could access a copy of each reference, including title, author, version number, date, and source or location.>

2 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.

2.1 Department

The Department Form in the Jewellery ERP system is designed to streamline the management of department-related data. This form enables users to create, edit, delete, and view details of various departments within the organization. By centralizing department information, the Department Form ensures consistency and accuracy in organizational structure, employee assignments, and reporting. This functionality supports efficient departmental management, enhances coordination across different business functions, and improves overall operational effectiveness within the ERP system.

2.1.1 Data View

2.1.1.1 Purpose

This section provides a comprehensive overview of all department details configured in the system. Users can easily access detailed information about each department, including its name, code, and associated hierarchy, enabling efficient navigation and informed decision-making. The layout ensures quick retrieval of existing records, supporting seamless organizational management and operational efficiency.

2.1.1.2 User Type

Registered Users, Admins.



2.1.1.3 Screen Layout

2.1.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter departments displayed in the table.
- **Functionality:**
 - Enables users to search by Department Name, Code, or Company.
 - 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 department 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 departments based on the selected Company.
 - Updates the displayed department records dynamically to match the selected filter.

○ Buttons

- **Add Button**
 - **Label:** "New"
 - **Functionality:** Opens the Department Creation Form to add a new department record.



- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Allows users to export the displayed department 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 department data.
- **Tabular View**
 - **Description:** Displays a structured view of all department details registered in the system.
 - **Columns:**
 - **Company:** Displays the name of the company associated with the department.
 - **Code:** Displays the unique code assigned to the department.
 - **Name:** Shows the name of the department.
 - **Status:** Displays the active/inactive status of the department.
 - **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 department record (permission-based).
 - **Functionality:** Triggers a delete confirmation prompt before proceeding.
 - **Edit:** Allows modification of the department's information (permission-based).
 - **Functionality:** Opens the Department Creation Form populated with the selected department's data for editing.
- **Paging for Table View**
 - **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of department 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 department records based on the selected page.

2.1.1.5 Functional Requirements

None.

2.1.1.6 Data Requirements

○ **Company**

- **Source:** Company Table





- **Description:** The company associated with the departments being displayed in the data view.
- **Usage:** This field is used as a filter option to narrow down the department records displayed in the table. Users must select a company from the **Company Filter** to view the relevant departments.

○ **Department Data**

- **Fields:**
 - **Company:** The name of the company associated with the department.
 - **Code:** A unique code representing the department.
 - **Name:** The name of the department.
 - **Status:** The current active/inactive status of the department.
- **Data Source:** Department Table
- **Purpose:** Ensures the display of accurate and filtered department information based on the selected company. Supports streamlined navigation and decision-making.

2.1.1.7 *Non-Functional Requirements*

None.

2.1.1.8 *Configurations*

○ **Functionality:**

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

○ **Available Permissions:**

- **Add Department Permission:** Grants authorized users access to the "Add Department" button for creating new Department records.
- **Edit Permission:** Enables authorized users to access the **Edit** button in the **Action** column, allowing modification of existing Department records.
- **Delete Permission:** Provides authorized users access to the **Delete** button in the **Action** column, enabling deletion of Department records.

- **Permission Assignment:** Admins or authorized users can assign permissions to individual users or user roles.

2.1.1.9 *Flowchart*

None.





2.1.1.10 Additional Notes

None.

2.1.2 Create Department

2.1.2.1 Purpose

This section allows users to add a new department to the ERP system. Users can input essential details such as the department name, code, associated company, and active status. This process ensures accurate and structured department data entry, supporting seamless organizational management and efficient workflow integration across modules.

2.1.2.2 User Type

Registered Users, Admins.

2.1.2.3 Screen Layout

The screenshot displays the 'Department' creation form within the SIONIQ.AI ERP system. The form is titled 'Department' and is part of the 'HRMS > Designation Setup > Department' path. It contains the following fields and controls:

- Company:** A dropdown menu with the placeholder text 'Select Company'.
- Department Code:** A text input field with the placeholder text 'Short Name'.
- Name:** A text input field with the placeholder text 'Name'.
- Status:** A checkbox that is currently checked.
- Buttons:** A blue 'Submit' button and a red 'Clear' button.

The interface also features a dark sidebar menu on the left with options like Admin, Organization, Finance, HRMS, Department, Designation, Level, Employee Master, Target / Incentive, Setup, Procurement, Inventory, Sales & Distribution, and Pos Management. The top navigation bar includes a search bar, a search button, and various utility icons. The user profile in the top right shows the date '22/10/2024' and the initials 'KPHB'. The footer of the page displays 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2024 © SIONIQ'.

2.1.2.4 UI Elements

○ Company

- **Type:** Dropdown
- **Label:** "Company"
- **Editable:** Yes
- **Description:** Allows users to select the company associated with the department from a predefined list.
- **Validation:**





- **Required:** Yes
- **Source:** Company list in the system.
- **Department Code**
 - **Type:** Text Input (Text Editor)
 - **Label:** "Department Code"
 - **Editable:** Yes
 - **Description:** Enables users to input a unique code for the department for identification.
 - **Validation:**
 - **Required:** Yes
 - **Character Limit:** 5 characters
 - **Allowed Characters:** Alphanumeric and special characters (e.g., hyphens or underscores).
- **Department Name**
 - **Type:** Text Input (Text Editor)
 - **Label:** "Name"
 - **Editable:** Yes
 - **Description:** Allows users to enter the department's full name.
 - **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters
 - **Allowed Characters:** Letters and spaces.
- **Is Active**
 - **Type:** Checkbox
 - **Label:** "Is Active"
 - **Editable:** Yes
 - **Default Value:** Checked (True)
 - **Behavior:**
 - **Checked:** The department is marked as active.
 - **Unchecked:** The department is inactive but remains in the database.
- **Submit Button**





- **Type:** Button
 - **Label:** "Submit"
 - **Editable:** No
 - **Description:** Submits the entered department data to the database.
 - **Validation:** Ensures all mandatory fields are filled and pass validation rules.
- **Clear Button**
- **Type:** Button
 - **Label:** "Clear"
 - **Editable:** No
 - **Description:** Resets all form fields to their default state, enabling users to start fresh.
- **Previous Button**
- **Type:** Button
 - **Label:** "Previous"
 - **Editable:** No
 - **Description:** Closes the Department Creation Form and returns the user to the main Department table view, discarding any unsaved changes.

2.1.2.5 Functional Requirements

- **Actions**
- **Submit Button Click**
 - **Action:** Triggers form submission if all required fields (Company, Name, and Code) contain valid values.
 - **Outcome:**
 - **Create Operation:** If it's a new entry, saves the new department information.
- **Validation**
- **Mandatory Fields**
 - **Fields:** Company, Name, and Code are required fields.
 - **Behavior:**
 - 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 the "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 a specific error message indicating which field(s) are missing values.
- **Message Examples:**
 - "Name is required" if the Name field is empty.
 - "Code is required" if the Code field is empty.
 - "Company is required" if the Company field is not selected.

2.1.2.6 Data Requirements

○ Company

- **Source:** Company Master Table
- **Usage:**
 - **Populate the Company dropdown:** The Company dropdown in the Department Creation Form is dynamically populated with data from the Company Master table.
 - **Validate the Company:** Ensures that the selected company is valid and exists in the Company Master table.
- **Details:**
 - The dropdown lists all available companies from the Company Master table.

2.1.2.7 Non-Functional Requirements

None.

2.1.2.8 Configurations

None.

2.1.2.9 Flowchart

None.

2.1.2.10 Additional Notes

None.

2.1.3 Update Department

2.1.3.1 Purpose

The Edit Department section enables authorized users to modify existing department records. This ensures that organizational structures and departmental data remain current, accurate, and aligned with evolving business needs.





2.1.3.2 User Type

Registered Users, Admins.

2.1.3.3 Screen Layout

The layout is identical to the Create Department Form, providing a consistent user experience.

2.1.3.4 UI Elements

The elements are the same as those in the Create Department Form.

2.1.3.5 Functional Requirements for Edit Department Form

○ Initiate Update Process

- **Description:** The update process begins by selecting the Edit button in the Action column of the department table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected department's current details (Company, Department Code, Name, and Is Active status) into the Department Creation Form.
 - Pre-populates all relevant fields with the department's existing data to facilitate editing.
- **Expected Outcome:** The Department Creation Form is displayed, pre-filled with the selected department's details, ready for modifications.

○ Modify Department Details

- **Description:** Enables users to update specific fields in the department record.
- **Fields Available for Update:**
 - **Company:** Change the company associated with the department using a dropdown populated from the Company Master Table.
 - **Department Code:** Non-editable field to preserve record integrity.
 - **Name:** Update the department name.
 - **Is Active:** Modify the active status of the department to either "Active" or "Inactive."
- **Validation and Submission**
 - Ensures all mandatory fields are filled before submission.
 - Prevents duplicate department names within the same company.
 - Displays a confirmation prompt after a successful update.





- **Expected Outcome:** Upon submission, the updated department record is saved to the database.
 - The Department Data View table is refreshed to display the updated record.
- **Form Validation (Update Mode)**
 - **Purpose:** Ensures the accuracy and completeness of updated department information before submission.
 - **Validation Criteria:**
 - **Mandatory Fields:** Company and Name fields must not be empty.
 - **Specific Field Validation:**
 - **Name:** Allows up to 50 characters; accepts letters, spaces, and select special characters.
 - **Department Code:** Ensures it remains unique and consistent.
 - **Error Handling:** Displays clear and specific error messages for validation failures, such as:
 - "Department Name cannot be empty."
 - "Duplicate Department Name not allowed within the same company."
 - **Expected Outcome:** All required fields are validated before submission.
 - Users are alerted to errors and provided guidance for corrections.
- **Submit Updated Data**
 - **Description:** Saves the modified department details to the database following successful validation.
 - **Functionality:**
 - **Submit Button:**
 - Commits the updated data to the database.
 - Refreshes the Department Data View table to reflect the changes.
 - Displays a success message, e.g., "Department details have been successfully updated."
 - **Expected Outcome:** The department's updated information is stored, and the user is notified of the successful update.
- **Cancel Update**
 - **Purpose:** Enables users to discard changes and exit update mode without saving.
 - **Functionality:** Cancels unsaved edits and closes the form. Returns the user to the Department Data View table with no changes applied.
 - **Expected Outcome:** The form closes, and no updates are made to the department record.





2.1.3.6 Data Requirements

None.

2.1.3.7 Non-Functional Requirements

None.

2.1.3.8 Configurations

None.

2.1.3.9 Flowchart

None.

2.1.3.10 Additional Notes

None.

2.1.4 Remove Department

2.1.4.1 Purpose

This section allows for the secure removal of a department from the ERP system when it is no longer needed or active. The removal process incorporates checks for dependencies, such as associated records or configurations in other modules, to avoid unintended data loss or operational issues. Safeguards ensure data integrity across the system, and only authorized users can perform this action.

2.1.4.2 User Type

Registered Users, Admins.

2.1.4.3 Screen Layout

The screenshot displays the SIONIQ.AI HRMS interface. The left sidebar shows the navigation menu with 'Department' selected. The main content area is titled 'Department' and includes a search bar, a 'Filter' icon, and buttons for 'New', 'Import', and 'Export'. Below these is a table with columns for 'Company', 'Code', 'Name', 'Status', and 'Action'. The table lists five departments from 'Sri Bhavani Jewelers' with various codes and statuses. A confirmation dialog box is overlaid on the table, asking 'Are you sure, Delete this Department?' with 'Yes' and 'No' buttons. The footer shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2024 © SIONIQ'.

Company	Code	Name	Status	Action
Sri Bhavani Jewelers	SL	Sales	Activet	
Sri Bhavani Jewelers	BR		Activet	
Sri Bhavani Jewelers	CA		Activet	
Sri Bhavani Jewelers	HR		Activet	
Sri Bhavani Jewelers	FM	Flore Manager	Inactivet	





2.1.4.4 UI Elements

None.

2.1.4.5 Functional Requirements

○ Access Control

- **Purpose:** Ensure only authorized users can delete a department.
- **Functionality:**
 - **Delete Permission:** The Delete button is only accessible to users with 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 department table.
- **Functionality:**
 - **Delete Button Action:**
 - Prompts a delete confirmation message to prevent accidental deletion.

○ Delete Confirmation Prompt

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

○ Delete Execution

- **Description:** On confirmation, the system updates the department record to mark it as inactive (status = 0).
- **Functionality:**
 - **Data Removal:** Updates the selected department record in the database with status = 0.
 - **Dependencies Check:**





- Before deletion, the system checks for dependencies (e.g., if the department is linked to employees, transactions, or other records).
- If dependencies exist, display a message such as:
 - "Cannot delete department as it is associated with active records."
 - Halt the delete process if dependencies are found.

○ **Success Message**

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

○ **Refresh Table View**

- **Description:** Automatically updates the department table view to reflect the changes made by the deletion.
- **Functionality:**
 - **Refreshes the Table View:** Removes the deleted department record from the list.
 - **Pagination Update:** Adjusts the pagination if necessary, ensuring the remaining records are displayed correctly.

2.1.4.6 *Data Requirements*

None.

2.1.4.7 *Non-Functional Requirements*

None.

2.1.4.8 *Configurations*

None.

2.1.4.9 *Flowchart*

None.

2.1.4.10 *Additional Notes*

None.





2.2 Designation

The Designation Form in the Jewellery ERP system is designed to streamline the entry and management of employee designation details. This form enables users to create, edit, delete, and view information about various job titles and roles within the organization. By centralizing designation data, the designation form ensures consistent classification of employee roles across modules such as human resources, payroll, and task management. This functionality supports efficient role management, compliance with organizational structures, and seamless integration into employee-related processes within the ERP system.

2.2.1 Data View

2.2.1.1 Purpose

This section provides an overview of all designations currently registered in the system. Users can view detailed information for each designation record, enabling quick access to essential role data. This supports informed decision-making, ensures alignment with organizational structures, and facilitates streamlined navigation across the system.

2.2.1.2 User Type

Registered Users, Admins.

2.2.1.3 Screen Layout

The screenshot displays the 'Designation' management interface within the HRMS module. The breadcrumb trail indicates the path: HRMS > Designation Setup > Designation. The interface features a search bar, a filter icon, and buttons for 'New', 'Import', and 'Export'. A table lists the following designations:

Company	Department	Code	Name	Status	Action
Sri Bhavani Jewelers	Sales	EXC	Executive	Activet	[Delete] [Edit]
Sri Bhavani Jewelers	Sales	HLP	Helper	Activet	[Delete] [Edit]
Sri Bhavani Jewelers	Accounts	JA	Junior Accountant	Activet	[Delete] [Edit]
Sri Bhavani Jewelers	Barcode	WTR	Writer	Activet	[Delete] [Edit]
Sri Bhavani Jewelers	Barcode	ADM	Admin	Inactivet	[Delete] [Edit]

Showing 1 to 5 of 28 entries

Sri Bhavani Gems & Jewels Pvt Ltd

2024 © SIONIQ





2.2.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter designation records displayed in the table.
- **Functionality:**
 - Enables users to search by Company, Department, Designation Code, or Name.
 - Dynamically updates the table to show only results matching 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 designation records displayed per page.
 - Updates the table view immediately based on the selected number of rows.

○ Add Filter Button

- **Label:** "Filter Icon"
- **Functionality:**
 - Opens a filter panel or dropdown to allow users to filter the displayed designation based on the selected Company or Department.
 - Updates the displayed designation records dynamically to match the selected filter.

○ Buttons

- **Add Designation Button**
 - **Label:** "New"
 - **Functionality:** Opens the Designation Creation Form to add a new tax record.
- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Allows users to export the displayed designation data in various file formats (e.g., 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 designation data.
- **Tabular View**
 - **Description:** Displays a structured view of all created designation records.
 - **Columns:**
 - **Company:** Displays the company associated with the designation.
 - **Department:** Indicates the department to which the designation belongs.
 - **Designation Code:** A unique alphanumeric identifier for the designation.
 - **Name:** The full name of the designation.
 - **Status:** Displays whether the designation is active or inactive.
 - **Active:** If the checkbox is checked in the form.
 - **Inactive:** If the checkbox is unchecked in the form.
 - **Action:**
 - **Delete:** Deletes the selected designation record (permission-based).
 - **Functionality:** Triggers a delete confirmation prompt.
 - **Edit:** Allows modification of a designation's information (permission-based).
 - **Functionality:** Loads the selected designation's data into the Tax Creation Form for editing.
- **Paging for Table View**
 - **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of designation 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 designation records based on the selected page.

2.2.1.5 Functional Requirements

None.

2.2.1.6 Data Requirements

- **Company**
 - **Source:** Company Table





- **Description:** The company associated with the designations being displayed in the data view.
 - **Usage:** This field is used as a filter option to narrow down the designation records displayed in the table. Users must select a company from the **Company Filter** to view the relevant designations.
- **Department**
- **Source:** Department Table
 - **Description:** The department associated with the designations being displayed in the data view.
 - **Usage:** This field is used as a filter option to narrow down the designation records displayed in the table. Users must select a department from the **Department Filter** to view the relevant designations.
- **Designation Data**
- **Fields:**
 - **Company:** The name of the company associated with the designation.
 - **Department:** The name of the department associated with the designation.
 - **Code:** A unique code representing the designation.
 - **Name:** The name of the designation.
 - **Status:** The current active/inactive status of the designation.
 - **Data Source:** Designation Table
 - **Purpose:** Ensures the display of accurate and filtered designation information based on the selected company and department. Supports streamlined navigation and decision-making.

2.2.1.7 Non-Functional Requirements

None.

2.2.1.8 Configurations

- **Functionality:**
- **Permission Settings:** Controls the visibility and accessibility of buttons and actions based on assigned user roles or permissions.
- **Available Permissions:**
- **Add Designation Permission:** Grants access to the "Add Designation" button for creating new designation records.
 - **Export Permission:** Grants access to the Export button for exporting designation data.
 - **Import Permission:** Grants access to the Import button for importing designation data.





- **Edit Permission:** Allows users to access the Edit button in the Action column to modify designation records.
- **Delete Permission:** Allows users to access the Delete button in the Action column to delete designation records.
- **Permission Assignment:**
 - **Admins or Authorized Users:**
 - Can assign permissions to individual users or user roles.
 - Ensure proper role-based access control to maintain data integrity and security.

2.2.1.9 Flowchart

None.

2.2.1.10 Additional Notes

None.

2.2.2 Create Designation

2.2.2.1 Purpose

The Create Designation Form allows users to define and configure designation details within the ERP system. Users can input key information such as designation name, designation code, associated department, and company, along with the designation's active/inactive status. This process ensures accurate role classification, alignment with organizational structures, and consistent application across all employee-related modules for operational efficiency and reporting accuracy.

2.2.2.2 User Type

Registered Users, Admins.





2.2.2.3 Screen Layout

2.2.2.4 UI Elements

○ Designation Name

- **Type:** Text Input (Text Editor)
- **Label:** "Designation Name"
- **Editable:** Yes
- **Description:** Field to input the name of the designation for easy identification.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters

○ Designation Code

- **Type:** Text Input (Text Editor)
- **Label:** "Designation Code"
- **Editable:** Yes
- **Description:** Field to input a unique code representing the designation.
- **Validation:**
 - **Required:** Yes
 - **Character Limit:** 10 characters





- **Allowed Characters:** Alphanumeric only
- **Department**
 - **Type:** Dropdown
 - **Label:** "Department"
 - **Editable:** Yes
 - **Description:** Allows users to select the department associated with the designation.
 - **Validation:**
 - **Required:** Yes
- **Company**
 - **Type:** Dropdown
 - **Label:** "Company"
 - **Editable:** Yes
 - **Description:** Defines the company under which the designation falls.
 - **Validation:**
 - **Required:** Yes
- **Is Active**
 - **Type:** Checkbox
 - **Label:** "Is Active"
 - **Editable:** Yes
 - **Default Value:** Checked (True)
 - **Behavior:**
 - **Checked:** Designation is active and applied in operations.
 - **Unchecked:** Designation is inactive but stored in the database.
- **Submit Button**
 - **Type:** Button
 - **Label:** "Submit"
 - **Editable:** No (Standard Button)
 - **Description:** Submits the completed form to the database.





- **Validation:**
 - Ensures all mandatory fields are validated.
- **Behavior:**
 - **Successful Submission:** Saves data to the database.
 - **Failed Validation:** Displays error messages for corrections.
- **Clear Button**
 - **Type:** Button
 - **Label:** "Clear"
 - **Editable:** No (Standard Button)
 - **Description:** Resets all fields in the form to their default state.
 - **Behavior:**
 - Resets fields with a confirmation prompt to avoid accidental data loss.
- **Previous Button**
 - **Type:** Button
 - **Label:** "Previous Icon"
 - **Editable:** No (Standard Button)
 - **Description:** Closes the Designation Creation Form and returns to the Designation table view, discarding unsaved changes.

2.2.2.5 Functional Requirements

- **Actions**
 - **Submit Button Click**
 - **Action:** Triggers the form submission if all required fields (Designation Name, Code, Department, Company, Status, and Effective Date) contain valid values.
 - **Outcome:**
 - **Create Operation:** Saves a new designation record if it is a new entry.
 - **Update Operation:** Updates an existing designation record if the form is being used to edit a designation.
 - **Clear Button Click**
 - **Action:** Resets all fields in the form to their default state.





- **Outcome:**
 - Prompts the user for confirmation before clearing all input fields to avoid accidental data loss.
- Previous Button Click
 - **Action:** Discards unsaved changes and returns the user to the Designation table view.
 - **Outcome:**
 - Closes the Designation Creation Form without saving changes.
- **Validation**
 - **Mandatory Fields**
 - **Fields:** Designation Name, Code, Department, Company, Status, and Effective Date are required fields.
 - **Behavior:**
 - Users must provide values in each mandatory field.
 - Form submission is blocked if any mandatory field is left empty, with an error message indicating the missing fields.
 - **Field-Specific Validation**
 - **Designation Code:** Must be alphanumeric with a maximum of 10 characters.
- **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 a specific error message for each missing field.
 - **Message Examples:**
 - "Designation Name is required" if the Designation Name field is empty.
 - "Code is required" if the Code field is empty.
 - "Department is required" if the Department field is empty.
 - **Invalid Field Values**
 - **Condition:** If a field contains invalid data (e.g., non-alphanumeric input in the Code field).
 - **Behavior:** The system displays an error message specifying the issue with the invalid field.
 - **Message Examples:**
 - "Code must be alphanumeric and no longer than 10 characters."





- **Behavior on Successful Submission**

- The form saves the data to the database and redirects the user to the Designation table view.
- A success message is displayed:
 - Example: "Designation successfully created."

- **Behavior on Failed Validation**

- Form submission is blocked, and error messages are displayed to guide the user in correcting the input fields.

2.2.2.6 *Data Requirements*

- **Department**

- **Source:** Department Table
- **Description:** Specifies the department associated with the designation (e.g., HR, Finance, Operations).
- **Usage:** This field is populated from the Department Table and must be selected to ensure proper classification.

- **Company**

- **Source:** Company Table
- **Description:** Specifies the company associated with the department and designation.
- **Usage:** This field is populated from the Company Table and is required to establish the designation's organizational context.

2.2.2.7 *Non-Functional Requirements*

None.

2.2.2.8 *Configurations*

None.

2.2.2.9 *Flowchart*

None.

2.2.2.10 *Additional Notes*

None.





2.2.3 Update Designation

2.2.3.1 Purpose

The Update Designation section enables authorized users to modify existing designation records. This ensures that the system maintains accurate and up-to-date information about job roles, aligning with the organization's evolving structure and business requirements.

2.2.3.2 User Type

Registered Users, Admins.

2.2.3.3 Screen Layout

Same Create Designation Layout.

2.2.3.4 UI Elements

Same Create Designation Layout.

2.2.3.5 Functional Requirements

○ Initiate Update Process

- **Description:** The update process is initiated by clicking the Edit button in the Action column of the Designation table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected designation record's current details (e.g., Designation Name, Code, Status, and Department) into the Update Designation Form.
 - Pre-populates the form fields with the existing values of the selected record for editing.
- **Expected Outcome:** The Update Designation Form is populated with the current data of the selected designation, ready for modification.

○ Modify Designation Details

- **Description:** Enables users to update one or more fields in the designation record.
- **Fields Available for Update:**
 - **Designation Name:** Edit the name of the designation.
 - **Designation Code:** Modify the unique identifier for the designation.
 - **Department:** Update the unique identifier for the designation.
 - **Status:** Change the status to "Active" or "Inactive".





- **Expected Outcome:** Users can edit all relevant fields before saving the updated designation record.

- **Form Validation (Update Mode)**
 - **Purpose:** Ensures that all updated data meets validation criteria before submission.
 - **Validation Criteria:**
 - **Mandatory Fields:** Fields such as Designation Name, Designation Code, and Department must not be empty.
 - **Specific Field Validation:**
 - **Designation Name:** Maximum of 50 characters, allowing letters, spaces, and approved special characters.
 - **Designation Code:** Must be unique and alphanumeric, with a maximum length of 10 characters.
 - **Error Handling:**
 - Displays specific error messages for validation failures (e.g., "Designation Name is required" or "Designation Code must be unique").
 - **Expected Outcome:**
 - All fields are validated successfully before submission, or error messages guide the user to correct the input.

- **Submit Updated Data**
 - **Description:** Saves the updated designation details to the database.
 - **Functionality:**
 - **Submit Button:**
 - Saves the modified data to the database upon successful validation.
 - Refreshes the designation table to display updated information.
 - Displays a confirmation message (e.g., "Designation details updated successfully").
 - **Expected Outcome:**
 - The updated designation details are stored in the database, and the user receives a success message.

- **Cancel Update**
 - **Purpose:** Allows users to discard changes if they decide not to proceed with the update.





- **Functionality:**
 - **Cancel Option:** Users can cancel the update by closing the form or clicking a "Previous" button.
- **Expected Outcome:**
 - The form closes without saving changes, and the original designation record remains unchanged.

○ **Confirmation Message**

- **Purpose:** Notifies the user upon successfully updating the designation record.
- **Functionality:**
 - **Display Message:** Shows a confirmation message after a successful update (e.g., "Designation details updated successfully").
- **Expected Outcome:**
 - Assures the user that the updates were saved successfully.

2.2.3.6 *Data Requirements*

None.

2.2.3.7 *Non-Functional Requirements*

None.

2.2.3.8 *Configurations*

None.

2.2.3.9 *Flowchart*

None.

2.2.3.10 *Additional Notes*

None.

2.2.4 **Remove Designation**

2.2.4.1 *Purpose*

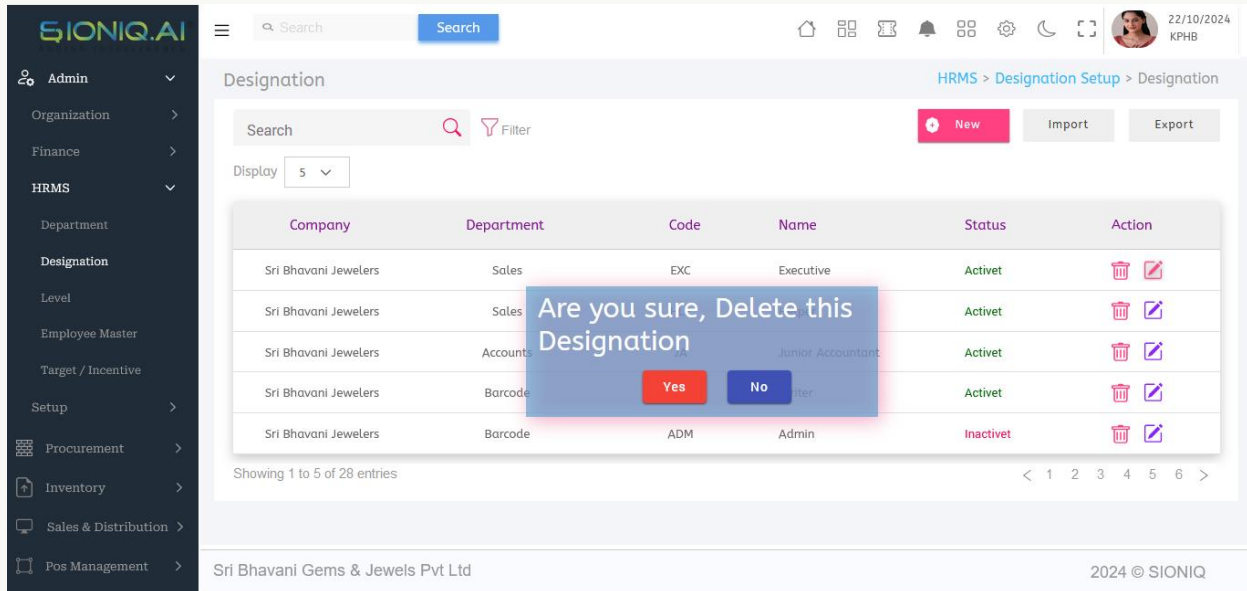
This section facilitates the secure removal of a designation from the system. The removal process ensures that designations no longer applicable to business operations are deactivated or deleted appropriately. Restrictions are applied if dependencies exist, such as links to employee records or department data, to maintain system integrity and prevent disruptions.



2.2.4.2 User Type

Registered Users, Admins.

2.2.4.3 Screen Layout



2.2.4.4 UI Elements

None.

2.2.4.5 Functional Requirements

○ Access Control

- **Purpose:** Ensure that only authorized users can perform the delete operation.
- **Functionality:**
 - **Delete Permission:** The Delete button is visible and accessible only to users with delete permissions as defined 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 designation table.
- **Functionality:**
 - **Delete Button Action:**
 - Triggers a confirmation prompt to prevent accidental or unauthorized deletion.

○ Delete Confirmation Prompt

- **Purpose:** Provide a confirmation prompt to ensure the user intends to proceed with the deletion.



- **Functionality:**
 - **Confirmation Message:**
 - Upon clicking the Delete button, a warning prompt is displayed:
 - " Are you sure you want to delete this designation?"
 - **Options:**
 - **Yes:** Confirms the deletion and proceeds with removing the designation record.
 - **No:** Cancels the action, leaving the designation data intact.
- **Expected Outcome:**
 - The designation record is deleted only if the user confirms by selecting "Yes."

○ **Delete Execution**

- **Description:** Once confirmed, the system processes the deletion or marks the designation as inactive.
- **Functionality:**
 - **Data Removal:** Updates the selected designation record in the database with status = 0 (inactive).
 - **Dependencies Check:**
 - Before deletion, the system checks for any dependencies or associations (e.g., if the designation is linked to active employee records or organizational roles).
 - If dependencies exist:
 - Displays a message (e.g., "Cannot delete designation as it is associated with active records.") and halts the delete process.

○ **Success Message**

- **Purpose:** Inform the user of the successful completion of the delete action.
- **Functionality:**
 - **Display Message:**
 - Upon successful deletion, a confirmation message appears:
 - "Designation has been successfully deleted."
- **Expected Outcome:**
 - The user is notified of the successful removal of the designation.

○ **Refresh Table View**





- **Description:** Automatically updates the designation table to reflect the changes made by the deletion.
- **Functionality:**
 - **Refreshes the Table View:**
 - Removes the deleted designation record from the displayed list.
 - **Pagination Update:**
 - Adjusts pagination to ensure that remaining records are displayed correctly.

2.2.4.6 Data Requirements

None.

2.2.4.7 Non-Functional Requirements

None.

2.2.4.8 Configurations

None.

2.2.4.9 Flowchart

None.

2.2.4.10 Additional Notes

None.

2.3 Level

The Designation Level Form in the Jewellery ERP system is designed to simplify the entry and management of employee designation levels. This form enables users to create, edit, delete, and view details about various designation tiers and their hierarchy within the organization. By centralizing designation level data, the form ensures consistent role categorization across modules such as human resources, payroll, and task management. This functionality supports efficient role hierarchy management, adherence to organizational structures, and seamless integration into employee-related processes within the ERP system.



2.3.1 Data View

2.3.1.1 Purpose

This section provides an overview of all designation levels currently registered in the system. Users can view detailed information for each designation level, enabling quick access to critical role hierarchy data. This supports informed decision-making, ensures alignment with organizational structures, and facilitates efficient navigation across the system.

2.3.1.2 User Type

Registered Users, Admins.

2.3.1.3 Screen Layout

The screenshot displays the 'Level' data view in the SIONIQ.AI HRMS system. The interface features a dark sidebar menu on the left with options like Admin, Organization, Finance, HRMS, Department, Designation, Level, Employee Master, Target / Incentive, Setup, Procurement, Inventory, Sales & Distribution, and Pos Management. The main content area shows a table of designation levels with columns for Company, Department, Designation, Level, Status, and Action. The table contains five entries for Sri Bhavani Jewelers, including roles like Executive, Helper, Junior Accountant, Writer, and Admin. The status of these roles varies between 'Activet' and 'Inactivet'. The interface also includes a search bar, a display dropdown set to 5, and buttons for New, Import, and Export. The footer shows the company name 'Sri Bhavani Gems & Jewels Pvt Ltd' and the year '2024 © SIONIQ'.

Company	Department	Designation	Level	Status	Action
Sri Bhavani Jewelers	Sales	Executive	1	Activet	
Sri Bhavani Jewelers	Sales	Helper	1	Activet	
Sri Bhavani Jewelers	Accounts	Junior Accountant	3	Activet	
Sri Bhavani Jewelers	Barcode	Writer	2	Activet	
Sri Bhavani Jewelers	Barcode	Admin	1	Inactivet	

2.3.1.4 UI Elements

○ Search Option

- **Description:** A search bar located at the top of the data view section to filter designation level records displayed in the table.
- **Functionality:**
 - Enables users to search by **Company**, **Department**, **Designation**, **Level**, **1st Level Reporting**, or **2nd Level Reporting**.
 - Dynamically updates the table to show only results matching the search query.

○ Display Dropdown

- **Description:** A dropdown to control the number of rows displayed in the table at a time.



- **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
- **Functionality:**
 - Allows users to control the number of designation level records shown per page.
 - Automatically updates the table view to reflect the selected number of rows.
- **Add Filter Button**
 - **Label:** "Filter Icon"
 - **Functionality:**
 - Opens a filter panel or dropdown, allowing users to filter displayed designation levels based on selected **Company** or **Department** or **Designation**.
 - Dynamically updates the table to display filtered records.
- **Buttons**
 - **Add Level Button**
 - **Label:** "New"
 - **Functionality:** Opens the Level Creation Form for adding a new level record.
 - **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Enables users to export the displayed level data in various formats (e.g., Excel).
 - **Export Options:**
 - Exports all or filtered data based on the current table view and search filters.
 - **Import Button**
 - **Label:** "Import"
 - **Functionality:**
 - Redirects to the Import Form page for batch uploading of level data.
- **Tabing View**
 - **Description:** Displays a structured view of all created designation level records.
 - **Columns:**
 - **Company:** Displays the company associated with the designation level.
 - **Department:** Indicates the department to which the designation level belongs.
 - **Designation:** The title or name of the designation.
 - **Level:** The hierarchy level of the designation.
 - **Status:** Displays whether the designation level is **active** or **inactive**.
 - **Active:** If the checkbox is checked in the form.
 - **Inactive:** If the checkbox is unchecked in the form.
 - **Action:**





- **Delete:** Deletes the selected designation level record (permission-based).
 - **Functionality:** Triggers a delete confirmation prompt.
- **Edit:** Allows modification of a designation level's information (permission-based).
 - **Functionality:** Loads the selected designation level's data into the Designation Level Creation Form for editing.

○ **Paging for Table View**

- **Description:** Provides pagination controls at the bottom of the table to navigate through multiple pages of level records.
- **Functionality:**
 - Includes navigation buttons (e.g., "Previous", "Next") to move between pages.
 - Displays page numbers for directly access to specific pages.
 - Updates the displayed level records based on the selected page.

2.3.1.5 *Functional Requirements*

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

2.3.1.6 *Data Requirements*

○ **Company**

- **Source:** Company Table
- **Description:** Represents the company associated with the designation levels displayed in the data view.
- **Usage:**
 - Used as a filter option to narrow down designation level records displayed in the table.
 - Users must select a company from the Company Filter to view relevant designation levels.

○ **Department**

- **Source:** Department Table
- **Description:** Represents the department associated with the designation levels displayed in the data view.
- **Usage:**
 - Used as a filter option to narrow down designation level records displayed in the table.
 - Users must select a department from the Department Filter to view relevant designation levels.





○ **Designation**

- **Source:** Designation Table
- **Description:** Represents the designation associated with the levels displayed in the data view.
- **Usage:**
 - Used as a filter option to narrow down level records displayed in the table.
 - Users must select a designation from the Designation Filter to view relevant designation levels.

○ **Designation Level Data**

- **Fields:**
 - **Company:** The name of the company associated with the designation level.
 - **Department:** The name of the department associated with the designation level.
 - **Designation:** The name of the designation.
 - **Level:** The hierarchical level of the designation within the organization.
 - **1st Level Reporting:** Indicates the immediate reporting authority for the designation.
 - **2nd Level Reporting:** Indicates the secondary reporting authority for the designation.
 - **Status:** The active/inactive status of the designation level.
 - **Data Source:** Designation Level Table
- **Purpose:**
 - Ensures accurate and filtered display of designation level information based on the selected company and department.
 - Facilitates streamlined navigation and supports decision-making by providing a clear and structured view of designation levels.

2.3.1.7 *Non-Functional Requirements*

None.

2.3.1.8 *Configurations*

○ **Functionality:**

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

○ **Available Permissions:**





- **Add Designation Permission:** Grants access to the "Add Level" button for creating new Level records.
 - **Export Permission:** Grants access to the Export button for exporting designation level data.
 - **Import Permission:** Grants access to the Import button for importing designation level data.
 - **Edit Permission:** Allows users to access the Edit button in the Action column to modify designation level records.
 - **Delete Permission:** Allows users to access the Delete button in the Action column to delete designation level records.
- **Permission Assignment:**
- **Admins or Authorized Users:**
 - Can assign permissions to individual users or user roles.
 - Ensure proper role-based access control to maintain data integrity and security.

2.3.1.9 Flowchart

None.

2.3.1.10 Additional Notes

None.

2.3.2 Create Level

2.3.2.1 Purpose

The **Create Designation Level** Form allows users to define and configure designation levels within the ERP system. Users can input key information such as designation level name, designation level code, associated department, company, and reporting hierarchy, along with the designation level's active/inactive status. This process ensures precise role hierarchy classification, alignment with organizational structures, and consistent application across all employee-related modules, enhancing operational efficiency and reporting accuracy.

2.3.2.2 User Type

Registered Users, Admins.





2.3.2.3 Screen Layout

2.3.2.4 UI Elements

○ Company

- **Type:** Dropdown
- **Label:** "Company"
- **Editable:** Yes
- **Description:** Select the company under which the designation level is defined.
- **Validation:**
 - **Required:** Yes

○ Department

- **Type:** Dropdown
- **Label:** "Department"
- **Editable:** Yes
- **Description:** Select the department associated with the designation level.
- **Validation:**
 - **Required:** Yes

○ Designation

- **Type:** Dropdown





- **Label:** "Designation"
 - **Editable:** Yes
 - **Description:** Choose the designation to be associated with this level.
 - **Validation:**
 - **Required:** Yes
- **Level Name**
- **Type:** Text Input
 - **Label:** "Level Name"
 - **Editable:** Yes
 - **Description:** Input the name of the designation level for identification and hierarchy setup.
 - **Validation:**
 - **Required:** Yes
 - **Character Limit:** 50 characters
- **Is Active**
- **Type:** Checkbox
 - **Label:** "Is Active"
 - **Editable:** Yes
 - **Default Value:** Checked (True)
 - **Behavior:**
 - **Checked:** Indicates the designation level is active.
 - **Unchecked:** Designation level is inactive but retained in the database.
- **Submit Button**
- **Type:** Button
 - **Label:** "Submit"
 - **Editable:** No
 - **Description:** Submits the completed form to save data to the database.
 - **Validation:**
 - Ensures all mandatory fields are completed.





- **Behavior:**

- **Successful Submission:** Saves data to the database and displays a success message.
- **Failed Submission:** Shows error messages for corrections.

- **Clear Button**

- **Type:** Button
- **Label:** "Clear"
- **Editable:** No
- **Description:** Resets all fields in the form to their default state.
- **Behavior:**
 - Resets fields with a confirmation prompt to prevent accidental data loss.

- **Previous Button**

- **Type:** Button
- **Label:** "Previous Icon"
- **Editable:** No
- **Description:** Navigates back to the Designation Level table view, discarding any unsaved changes.

2.3.2.5 Functional Requirements

- **Actions**

- **Submit Button Click**

- **Action:** Initiates the form submission if all required fields (Designation Name, Code, Department, Company, Level Name, and Is Active) meet the validation criteria.
- **Outcome:**
 - **Create Operation:** Saves a new designation level record for a fresh entry.
 - **Update Operation:** Modifies an existing designation level record if editing an existing entry.

- **Clear Button Click**

- **Action:** Resets all input fields in the form to their initial state.
- **Outcome:**
 - Prompts the user for confirmation to prevent accidental data loss.





- **Previous Button Click**
 - **Action:** Discards unsaved changes and navigates the user back to the Designation Level table view.
 - **Outcome:**
 - Closes the Designation Level Creation Form without saving changes.
- **Validation**
 - **Mandatory Fields**
 - **Fields:** Designation, Department, Company, Level Name, and Is Active are required.
 - **Behavior:**
 - Users must input values for all mandatory fields.
 - Form submission is disabled if any mandatory field is empty, with error messages identifying the missing fields.
 - **Field-Specific Validation**
 - **Level Name:** Cannot exceed 50 characters.
- **Error Messages**
 - **Submit Attempt with Missing Values**
 - **Condition:** One or more required fields are empty when the Submit button is clicked.
 - **Behavior:** Displays error messages for each missing field.
 - **Examples:**
 - "Designation Name is required."
 - "Code is required."
 - "Department is required."
 - **Invalid Field Values**
 - **Condition:** A field contains data that does not meet validation criteria (e.g., non-alphanumeric Code).
 - **Behavior:** Displays specific error messages indicating the invalid field.
 - **Examples:**
 - "Code must be alphanumeric and no longer than 10 characters."
- **Submission Behavior**
 - **On Successful Submission**





- **Action:** Saves the data to the database and navigates back to the Designation Level table view.
- **Message:** "Designation Level successfully created."
- **On Failed Validation**
 - **Action:** Prevents form submission and displays relevant error messages to guide corrections.

2.3.2.6 Data Requirements

○ **Company**

- **Source:** Company Table
- **Description:** Specifies the company associated with the designation and Level.
- **Usage:** This field is populated from the Company Table and is required to establish the level organizational context.

○ **Department**

- **Source:** Department Table
- **Description:** Specifies the department associated with the level (e.g., HR, Finance, Operations).
- **Usage:** This field is populated from the Department Table and must be selected to ensure proper classification.

○ **Designation**

- **Source:** Designation Table
- **Description:** Specifies the designation associated with the level (e.g., Helper, Manager, Executive).
- **Usage:** This field is populated from the designation Table and must be selected to ensure proper classification.

2.3.2.7 Non-Functional Requirements

None.

2.3.2.8 Configurations

None.

2.3.2.9 Flowchart

None.



2.3.2.10 Additional Notes

None.

2.3.3 Update Level

2.3.3.1 Purpose

The Update Level section enables authorized users to modify existing level records. This ensures that the system maintains accurate and up-to-date information about job roles, aligning with the organization's evolving structure and business requirements

2.3.3.2 User Type

Registered Users, Admins.

2.3.3.3 Screen Layout

Same Create Level Layout.

2.3.3.4 UI Elements

Same Create Level Layout.

2.3.3.5 Functional Requirements

○ Initiate Update Process

- **Description:** The update process is initiated by clicking the Edit button in the Action column of the Level table.
- **Functionality:**
 - **Edit Button Action:**
 - Loads the selected designation record's current details (e.g., Level Name, Designation, Status, Company, and Department) into the Update Level Form.
 - Pre-populates the form fields with the existing values of the selected record for editing.
- **Expected Outcome:** The Update Level Form is populated with the current data of the selected level, ready for modification.

○ Modify Level Details

- **Description:** Enables users to update one or more fields in the level record.
- **Fields Available for Update:**
 - **Level Name:** Edit the name of the level.
 - **Designation:** Update the unique identifier for the level.
 - **Department:** Update the unique identifier for the level.



- **Company:** Update the unique identifier for the level.
- **Status:** Change the status to "Active" or "Inactive".
- **Expected Outcome:** Users can edit all relevant fields before saving the updated level record.
- **Form Validation (Update Mode)**
 - **Purpose:** Ensures that all updated data meets validation criteria before submission.
 - **Validation Criteria:**
 - **Mandatory Fields:** Fields such as Level Name, Designation, Company, and Department must not be empty.
 - **Specific Field Validation:**
 - **Level Name:** Maximum of 50 characters, allowing letters, spaces, and approved special characters.
 - **Error Handling:**
 - Displays specific error messages for validation failures (e.g., "Level Name is required").
 - **Expected Outcome:**
 - All fields are validated successfully before submission, or error messages guide the user to correct the input.
- **Submit Updated Data**
 - **Description:** Saves the updated level details to the database.
 - **Functionality:**
 - **Submit Button:**
 - Saves the modified data to the database upon successful validation.
 - Refreshes the level table to display updated information.
 - Displays a confirmation message (e.g., "Level details updated successfully").
 - **Expected Outcome:**
 - The updated level details are stored in the database, and the user receives a success message.
- **Cancel Update**
 - **Purpose:** Allows users to discard changes if they decide not to proceed with the update.
 - **Functionality:**
 - **Cancel Option:** Users can cancel the update by closing the form or clicking a "Previous" button.





- **Expected Outcome:**

- The form closes without saving changes, and the original level record remains unchanged.

- **Confirmation Message**

- **Purpose:** Notifies the user upon successfully updating the level record.

- **Functionality:**

- **Display Message:** Shows a confirmation message after a successful update (e.g., "Level details updated successfully").

- **Expected Outcome:**

- Assures the user that the updates were saved successfully.

2.3.3.6 Data Requirements

None.

2.3.3.7 Non-Functional Requirements

None.

2.3.3.8 Configurations

None.

2.3.3.9 Flowchart

None.

2.3.3.10 Additional Notes

None.

2.3.4 Remove Level

2.3.4.1 Purpose

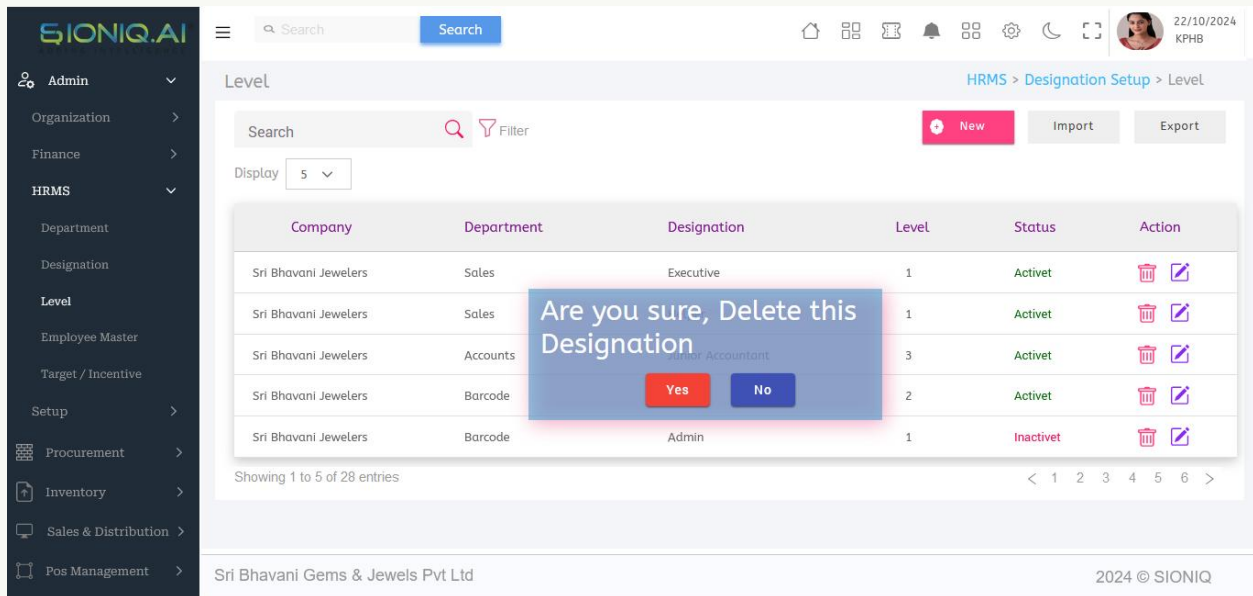
The Removal Level Form is designed to allow users to delete or remove existing designation levels from the ERP system. This functionality ensures that obsolete or incorrect designation levels can be efficiently removed, maintaining the accuracy and cleanliness of the organization's designation structure. The form enables users to initiate the removal process, confirm their actions, and ensure proper updates in the database.

2.3.4.2 User Type

Registered Users, Admins.



2.3.4.3 Screen Layout



2.3.4.4 UI Elements

None.

2.3.4.5 Functional Requirements

○ Access Control

- **Purpose:** Restrict deletion functionality to authorized users to maintain data security and integrity.
- **Functionality:**
 - **Delete Permission:**
 - The "Delete" button is visible and functional only for users with the appropriate delete permissions as configured in the system's access control settings.
 - Unauthorized users will not have access to the delete functionality.

○ Initiate Delete Action

- **Description:** The delete process is initiated when an authorized user clicks the "Delete" button in the Action column of the Designation Level table view.
- **Functionality:**
 - **Delete Button Action:**
 - Triggers a confirmation prompt to avoid accidental or unauthorized deletion.

○ Delete Confirmation Prompt

- **Purpose:** Provide a safety mechanism to confirm the user's intent before proceeding with deletion.
- **Functionality:**



- **Confirmation Message:**
 - Upon clicking the "Delete" button, a warning message is displayed:
 - "Are you sure you want to delete this designation level?"
 - **Options:**
 - **Yes:** Confirms the deletion and proceeds to remove the designation level.
 - **No:** Cancels the action, leaving the designation level data intact.
- **Expected Outcome:**
 - The designation level record is deleted only if the user confirms by selecting "Yes."
- **Delete Execution**
 - **Description:** Once confirmed, the system processes the deletion or updates the status of the designation level to inactive.
 - **Functionality:**
 - **Data Removal:**
 - The system updates the database to mark the designation level as inactive (status = 0).
 - **Dependencies Check:**
 - Before deletion, the system verifies whether the designation level is associated with active dependencies (e.g., linked to active employee records or organizational roles).
 - **If dependencies exist:**
 - Displays an error message, such as: "Cannot delete designation level as it is associated with active records."
 - Halts the delete process to prevent data inconsistency.
- **Success Message**
 - **Purpose:** Notify the user of the successful completion of the delete action.
 - **Functionality:**
 - **Display Message:**
 - Upon successful deletion, a confirmation message appears:
 - "Designation level has been successfully deleted."
 - **Expected Outcome:**
 - The user is informed that the designation level was successfully removed or marked inactive.
- **Refresh Table View**
 - **Description:** Ensure the Designation Level table view reflects the latest state after the deletion process.





- **Functionality:**
 - **Refresh Table View:**
 - Automatically removes the deleted designation level record from the displayed list.
 - **Pagination Update:**
 - Adjusts the pagination of the table to ensure proper display of the remaining records.

2.3.4.6 *Data Requirements*

None.

2.3.4.7 *Non-Functional Requirements*

None.

2.3.4.8 *Configurations*

None.

2.3.4.9 *Flowchart*

None.

2.3.4.10 *Additional Notes*

None.

