

REQUIREMENT DOCUMENT



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Production Module

The **Production Module** in the Jewellery ERP system is designed to manage and streamline the complete jewellery manufacturing workflow, from order issuance to final product completion. This module enables production managers to create and track job orders, assign tasks to departments or workers, monitor progress at each stage (waxing, casting, setting, polishing, etc.), and manage raw material consumption efficiently. It also supports quality checks, integrates with inventory for real-time stock updates, and handles returns or reworks seamlessly. By offering a centralized system for managing production activities, the module ensures timely delivery, reduces material wastage, and improves overall operational efficiency tailored to the jewellery industry's specific processes and standards.

1. Concept Creation

1.1 Purpose

The Add Concept functionality allows users to create new jewellery design concepts within the production module. It enables input of essential details like concept type, assigned worker, weight, dimensions, setting type, and sample reference. This helps standardize concept creation for various ornaments like necklaces, bangles, and lockets. It ensures efficient tracking and allocation of design work. The feature supports better production planning and concept-level quality control.

1.2 User Type

Registered Users, Admins.

1.3 Screen Layout





The screenshot shows the 'Concept' view in the SIONIQ.AI application. The interface includes a sidebar with navigation options like Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main area displays a table of concepts with columns for RC No, Concept For, Approx Weight, Lenti, Hig, Setting Type, Sample Item, and Sample Weight In Grms. A search bar and a dropdown menu with options like Cancel, Print, Export, and Export All are visible above the table. The table contains five rows of data for different concepts like Necklaces, Locket, Bangle, Chowker, and Locket.

RC No	Concept For	Approx Weight	Lenti	Hig	Setting Type	Sample Item	Sample Weight In Grms
C-1	Necklace	45.00	x	--	Pachi	Locket	12.500
C-2	Locket	20	x	--	Pachi	Stone	0.750
C-3	Bangle	30	x	2.5	Close	--	--
C-4	Chowker	70	xx	--	Collect	Stone	0.900
C-5	Locket	30	xx	15	Close	Stone	1.450

1.4 UI Elements- Concept View

○ Module Over View

The **Concept** module is a part of the **Production > Operations** section. It allows users to define and manage jewellery design concepts like Necklace, Bangle, Locket, etc. Users can assign workers, input design attributes like approximate weight, length, height, setting type, and sample details. This module helps in planning and organizing design concepts efficiently, supporting better production workflow and resource allocation.

○ Header Buttons

- **Search Option:** A search bar Located at the top-left of the table to filter concept entries.
- **Functionality:**
 - Instantly searches based on concept name, assigned worker, or sample item.
 - Dynamically displays matching results in the table.

○ 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 Concepts records displayed per page.
 - Updates the table view immediately based on the selected number of rows.

○ Action Buttons


● Add Button

- **Label:** "+ "
- **Functionality:** Opens a form to create a new design concept.

○ Grid Action Buttons





- **Cancel:** Triggers a confirmation process to cancel the selected concept.
 - **Purpose:** To allow the user to cancel/remove a concept after confirmation.
 - **Options:** Yes / No
 - **Source:** Triggered on user action
 - **Mandatory:** No (action-based)
 - **Flow Description:**
 - **User clicks on Cancel option**
 - A **confirmation popup** appears with the message:
 - "Are you sure you want to cancel this concept?"
 - **Two buttons displayed:**
 - **Yes** – Confirms cancellation
 - **No** – Closes popup without action
 - If **Yes** is clicked:
 - The concept is cancelled.
 - A "Deleted" thumb icon (e.g.,  or **X**) briefly pops up as visual feedback.
 - The popup is then automatically closed.
- **Print:** When clicked, it will trigger the system's print function. The printout will include full concept details like: Concept Type, Setting Type, Assigned Worker, Approx Weight, Dimensions, etc.
- **Export**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Exports the current list of concepts as Excel or CSV.
- **Export All**
 - **Label:** "Import" (or Icon button as specified)
 - **Functionality:** Opens the import form to upload multiple concept records at once.
- **Table View Fields:** Here you can review all submitted records—each tagged with its unique RC Number—and see every detail entered in the form for efficient tracking, sorting, and management.
- **Paging for Table View**
 - **Description:** Pagination controls available at the bottom of the table.
 - **Functionality:**
 - Displays navigation buttons (e.g., "Previous", "Next") to move between pages.
 - Shows page numbers to allow users to jump directly to specific pages.
- **Permissions Functionality**
 - **Permission Settings:** Permission Settings: Restricts the visibility and accessibility of buttons and actions based on user roles or permissions.
- **Available Permissions:**
 - **Add Design Code Permission:** Grants authorized users access to the "Add" button for creating new concept records.





- **Edit Permission:** Enables authorized users to access the Edit button in the Action column, allowing modification of existing concept entries.
 - **Cancel Permission:** Provides authorized users access to the Delete button in the Action column, enabling deletion of concept records.
- **Permission Assignment:** Admins or authorized personnel can assign specific permissions to individual users or defined user roles within the system.

1.5 Screen Layout

The screenshot displays the 'Concept' form in the SIONIQ.AI application. The form is structured as follows:

- Concept For:** A dropdown menu with 'Select Type'.
- Approx Weight:** A text input field with the placeholder 'Enter Approx Weight'.
- Dimensions By:** A dropdown menu with 'Select Type'.
- Length:** A text input field with the placeholder 'Enter Length'.
- Height:** A text input field with the placeholder 'Enter Height'.
- Setting Type:** A dropdown menu with 'Select Type'.
- Assing To:** A dropdown menu with 'Select Type'.
- Add Stone Details:** A checkbox that is currently checked.
- Add Sample:** A green button with a plus sign and the text 'Add Sample'.
- Upload Image:** A section with an 'Upload Image' label and a red arrow icon.
- Description:** A large text area for entering details.
- Submit:** A blue button.
- Clear:** A purple button.

The footer of the page contains the text 'Sri Bhavani Gems & Jewels Pvt Ltd' on the left and '2025 © SIONIQ AI' on the right.

1.6 UI Elements for Concept

- **Add New Type (Button):** Action button "+" to add a new type concept
- **Source:** Manual trigger by the user.
 - **Mandatory:** No.
- **Concept For:**
- **Type:** Single Selection Dropdown
 - **Purpose:** To dynamically load and allow input for concept details derived from enabled sub category's (e.g., Necklace, Bangle, etc.).
 - **Source:** System logic that fetches data from sub category.
 - Enable dynamic sub categories
 - Based on the concept settings configured for concept
 - **Mandatory:** Yes





○ **Approx. Weight:**

- **Type:** Textbox (Number Input)
- **Purpose:** To capture the approximate weight of the concept in grams.
- **Options:** User input only (numeric value).
- **Source:** User entry
- **Mandatory:** No

○ **Dimensions By:**

- **Type:** Dropdown
- **Purpose:** To select the unit of measurement for entering dimensions.
- **Source:** Predefined static values stored within the system.
- **Source Options:** Inches, Centimetres, Millimetres
 - Inches
 - Centimetres
 - Millimetres
- **Mandatory:** No

○ **Length:**

- **Type:** Textbox (Number Input)
- **Purpose:** To specify the length of the concept.
- **Input:** User-defined numeric value
- **Source:** Manual User entry
- **Mandatory:** Conditionally mandatory — if the **Dimensions** option is selected, then either **Length** or **Height** must be filled.

○ **Height:**

- **Type:** Textbox (Number Input)
- **Purpose:** To specify the height of the concept.
- **Input:** User-defined numeric value.
- **Source:** User entry
- **Mandatory:** Conditionally mandatory — if the **Dimensions** option is selected, then either **Height** or **Length** must be filled.

○ **Setting Type:**

- **Type:** Single Selection Dropdown
- **Purpose:** To dynamically select the type of setting style applied in the concept, such as handcrafted or casting-based designs.





- **Source:** System logic that fetches setting types from the **Metal & Stone Setting Master** Filter with Stone Setting.
 - **Source Options:** Values pulled from Metal & Stone Setting Table where category = stone setting
 - **Mandatory:** No
- **Assign To:**
- **Type:** Dropdown
 - **Purpose:** To assign the concept to a specific worker or department responsible for designing or progressing the concept.
 - **Source:**
 - System logic that fetches data dynamically from the **Worker Master**
 - Filter by departments that are configured with Concept Designers.
 - **Mandatory:** Yes
- **Add Stone Details:** This section appears in a popup when the “Add Stone Details” checkbox is selected.
- **Type:** Check Box
 - **Purpose:** Triggers Stone Detail Popup
- **Stone Detail Popup**
- **Source:**
 - Enable dynamic stone categories
 - Based on the concept settings configured for stones
 - Example: if enable shape (stone category-1) and size (stone category-2)
 - **Shape**
 - **Type:** Dropdown
 - **Purpose:** To select the desired stone shape to be used within the concept design.
 - **Source:** System logic that pulls values from dynamic stone category-1 (shape).
 - **Mandatory:** No
 - **Size**
 - **Type:** Dropdown
 - **Purpose:** To select the stone size that fits the chosen shape within the concept.
 - **Source:** System logic that pulls values from dynamic stone category-2 (size).
 - **Mandatory:** No
 - **Cancel Button:**





- **Function:** Closes the stone detail popup without saving the input.
 - **Effect:** Returns to the main concept form.
 - **Mandatory:** No
 - **Submit Button:**
 - **Function:** Save the Input and closes the stone detail popup.
 - **Effect:** Returns to the main concept form.
 - **Mandatory:** No
- **Add Sample (Button):** Opens an interface to upload or define a sample reference.
- **Behaviour:**
 - On clicking the Sample button, a popup window/modal will be displayed (enabled).
 - The user must enter the required sample details in the popup form.
 - Once the Submit button inside the popup is clicked, the popup will be closed (disabled/hidden).
 - **Mandatory:** No.
- **Upload Button:** Opens a popup allowing users to upload multiple images for the concept.
- **Source:** Local device (via Browse option in popup).
 - **Mandatory:** No.
- **Description:** Text area to describe the concept in detail.
- **Source:** Manual input by the user.
 - **Mandatory:** No.
- **Submit (Button):** Saves the concept with all entered configurations.
- **Action:** Validates mandatory fields, stores the record, uploads images, and disables the popup.
 - **Validation:** All required fields must be filled.
 - **Mandatory:** Yes
- **Clear (Button):** Resets the form to default/initial state.
- **Action:** Removes any input data entered by the user.
 - **Usage:** Helps restart the entry process without manually deleting data.
 - **Mandatory:** No
- **Previous Button:** Button to navigate back to the previous step or screen in the configuration workflow.
- **Action:** Redirects the user to the prior screen without saving the current input.





- **Validation:** Redirects the user to the prior screen without saving the current input.
- **Mandatory:** No

2 Concept Upload

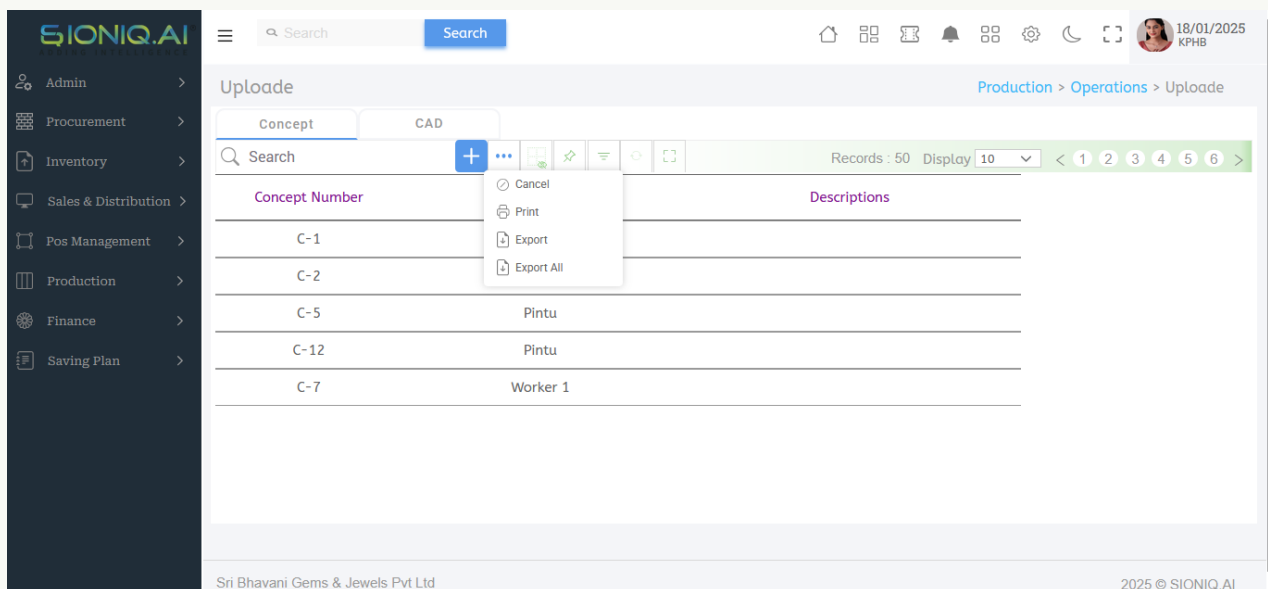
2.1 Purpose

The Upload feature in the Concept module allows users to attach visual references or design samples for specific jewellery concepts. This helps standardize communication between designers, production teams, and quality control by providing a clear image of the intended product. Uploaded files serve as a visual blueprint for manufacturing, ensuring consistency, reducing design errors, and improving production accuracy. It also helps in archival and traceability of past designs for future reference and reorders.

2.2 User Type

Registered Users, Admins.

2.3 Screen Layout



2.4 UI Elements- Uploads Grid View

○ Module Over View

The Uploads Grid View is part of the Production > Operations > Upload section. It displays a structured view of all concept uploads linked to jewellery production, along with assigned workers and related descriptions. This module allows users to upload, manage, assign, update, and delete design concept files for seamless tracking and execution during production. It helps maintain consistency in design flow, ensuring each concept is assigned, approved, and traceable.





○ **Functional Areas**

- Top Navigation and Tabs
 - **Tabs:** Concept | CAD
 - **Current tab selected:** Concept
- These tabs offer easy navigation between main design configuration sections.

○ **Header Buttons**

- **Search Option:** A search bar located at the top of the data view section to filter currency displayed in the table.
- **Functionality:**
 - Filters concept uploads by Concept Number, Worker, or Description.
 - Provides instant visibility of matching records.

○ **Display Dropdown**

- **Description:** Controls the number of entries shown per page.
- **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
- **Functionality:**
 - **Functionality:** Adjusts the data grid to display selected rows per page for better viewing and performance.

○ **Buttons**

- **Add Button**
 - **Label:** "New"
 - **Functionality:** Opens a form to upload a new concept with the ability to assign a worker and provide a description or reference image
- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Allows export of current records (filtered or full) into formats like Excel or CSV for recordkeeping or external use.
- **Import Button**
 - **Label:** "Import" (or Icon button as specified)
 - **Functionality:**
 - Redirects users to an import interface where bulk concept upload data can be submitted through supported formats.

○ **Table View Fields:** Here you can review all submitted records—each tagged with its unique RC Number—and see every detail entered in the form for efficient tracking, sorting, and management.

○ **Paging for Table View**

- **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of uploaded concept 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 concept records based on the selected page.

Permissions Functionality

- **Functionality:**

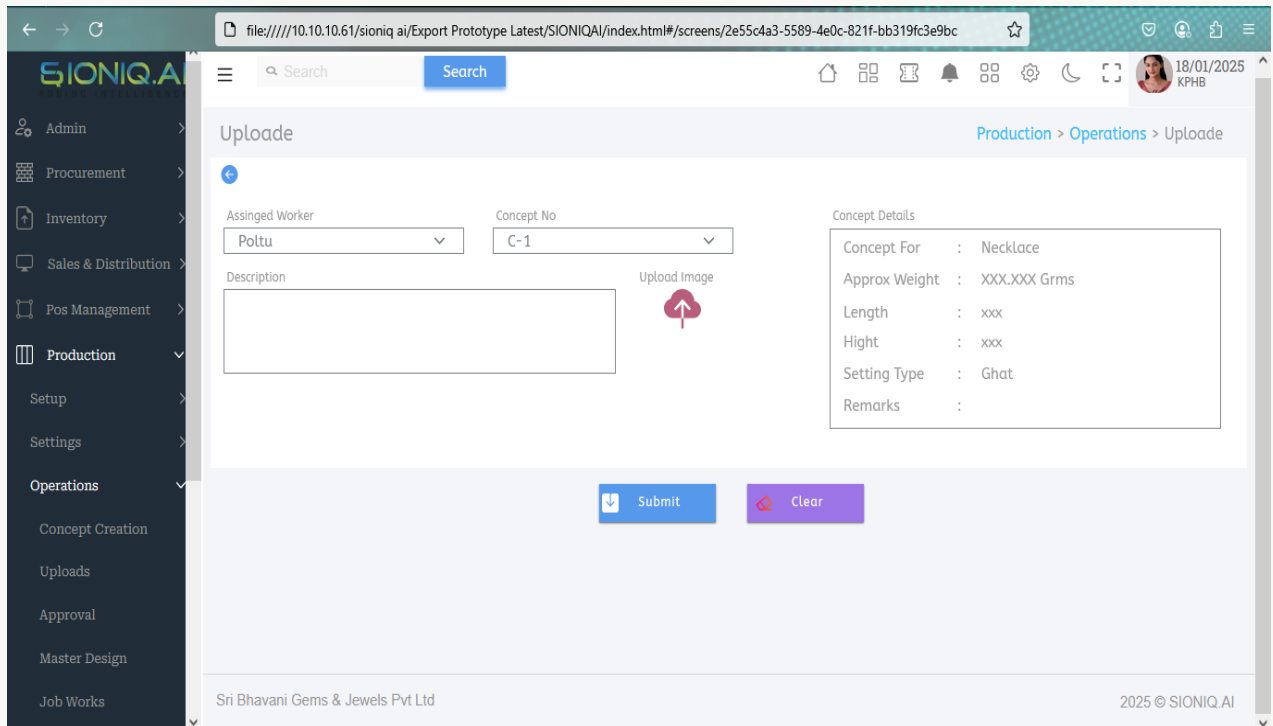
- **Permission Settings:** Restricts the visibility and accessibility of buttons and actions based on user roles or permissions.

- **Available Permissions:**

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

- Admins or authorized personnel can assign specific permissions to individual users or defined user roles within the system.

2.5 Screen Layout





2.6 UI Elements for Add Uploads

- **Assigned Worker:** Dropdown to select the worker to whom the concept is assigned.
 - **Type:** Single Selection Dropdown
 - **Purpose:** To assign the concept to a specific worker responsible for design or execution.
 - **Source:**
 - Preloaded from the Concept Creation module
 - Filtered by workers who have pending uploads or approvals.
 - **Mandatory:** Yes (A concept must be assigned to proceed further in the workflow)
- **Concept No:** Dropdown to select the concept number associated with the upload.
 - **Type:** Single Selection Dropdown
 - **Purpose:** To select the concept number that the upload is associated with.
 - **Source:**
 - Preloaded from the Concept Creation module
 - Filter with selected assigned Worker.
 - **Mandatory:** Yes (A concept number must be selected to proceed further in the workflow)
- **Description:** Text box to provide additional details or notes about the upload
 - **Source:** User Input.
 - **Mandatory:** No
- **Upload Button:** Opens a popup allowing users to upload multiple images for the job work item.
 - **Source:** Local device (via Browse option in popup). Once u submit images popup will be disable.
 - **Mandatory:** Yes – optional for visual reference, but recommended for clarity and identification
- **Concept Details (Read-only Section):**
 - Displays predefined details related to the selected concept.
 - **Fields:**
 - Concept For (e.g., Necklace)
 - Approx Weight (e.g., XXX.XXX Grams)
 - Length (e.g., xxx)
 - Height (e.g., xxx)
 - Setting Type (e.g., Ghat)
 - Remarks
 - Source: Auto-filled from backend based on selected concept number
 - Mandatory: Not editable by user
- **Submit:** Button to finalize and submit the upload.
 - Action: Saves all entered/uploaded data into the system.
 - Validation: Ensures mandatory fields (Assigned Worker, Concept No, Image) are filled.
 - **Mandatory:** Yes





- **Clear:** Button to reset all input fields to default values.
 - **Action:** Clears the form, removing all entered data and selections.
 - **Usage:** Used to start a new entry.
 - **Mandatory:** No
- **Previous Button:** (← Icon at the top-left): Navigates to the previous screen or module.
 - **Action:** Redirects without saving current form data.
 - **Mandatory:** No

3 CAD Upload Table

3.1 Purpose

The CAD Uploads Grid View manages digital jewellery design files in production. It allows uploading, assigning, and tracking CAD jobs with weight and volume details. The module helps streamline design-to-production flow with traceability. Permissions ensure secure access for adding, editing, or deleting records. It supports efficient planning and reduces errors in the manufacturing process.

3.2 User Type

Registered Users, Admins.

3.3 Screen Layout

Job Work Number	CAD Issue Number		Approx Weight	3D Volume	Descriptions
J-001	CI-01		24.437	1568 mm	18K Gold V*0.0155
J-002	CI-02		26.961	1730 mm	18K Gold V*0.0155
J-005	CI-05	Monu	50.73	2850 mm	22K Gold V*0.0178
J-012	CI-06	Naveen	34.675	1948 mm	22K Gold V*0.0178
J-007	CI-04	Monu	19.000	1068 mm	22K Gold V*0.0178

3.4 UI Elements- Uploads Grid View

○ Module Over View

The **Uploads Grid View** under **Production > Operations > Upload** presents a structured display of all CAD upload records related to jewellery production. It provides functionality to upload, assign,





manage, update, and delete CAD design files. This ensures traceability of each CAD record and streamlines collaboration between designers and workers for efficient production execution

○ **Functional Areas**

- Top Navigation and Tabs
 - **Tabs:** Concept | CAD
 - **Current tab selected:** CAD
- These tabs offer easy navigation between main design configuration sections.

○ **Header Buttons**

- **Search Option:** Positioned at the top right of the grid section
- **Functionality:**
 - Filters records by **Job Work Number, CAD Issue Number, Worker, or Description**
 - Allows instant identification of specific uploads

○ **Display Dropdown**

- **Description:** Controls the number of rows shown per page
- **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
- **Functionality:**
 - **Functionality:** Adjusts the data grid to display selected rows per page for better viewing and performance.

○ **Buttons**

- **Add Button**
 - **Label:** "Add"
 - **Functionality:** Opens a new form for uploading a CAD file along with assignment to a worker and related specifications
- **Export Button**
 - **Label:** "Export" (or Icon button as specified)
 - **Functionality:** Export visible or complete CAD data (CSV/Excel) for external reference or backup
- **Import Button**
 - **Label:** "Import" (or Icon button as specified)
 - **Functionality:**
 - Opens the CAD import interface for bulk data uploads via supported formats

○ **Table View Fields:** Here you can review all submitted records—each tagged with its unique RC Number—and see every detail entered in the form for efficient tracking, sorting, and management.

○ **Paging for Table View**





- **Description:** Includes pagination controls at the bottom of the table for navigating through multiple pages of uploaded CAD 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 CAD records based on the selected page, improving usability on large datasets.

Permissions Functionality

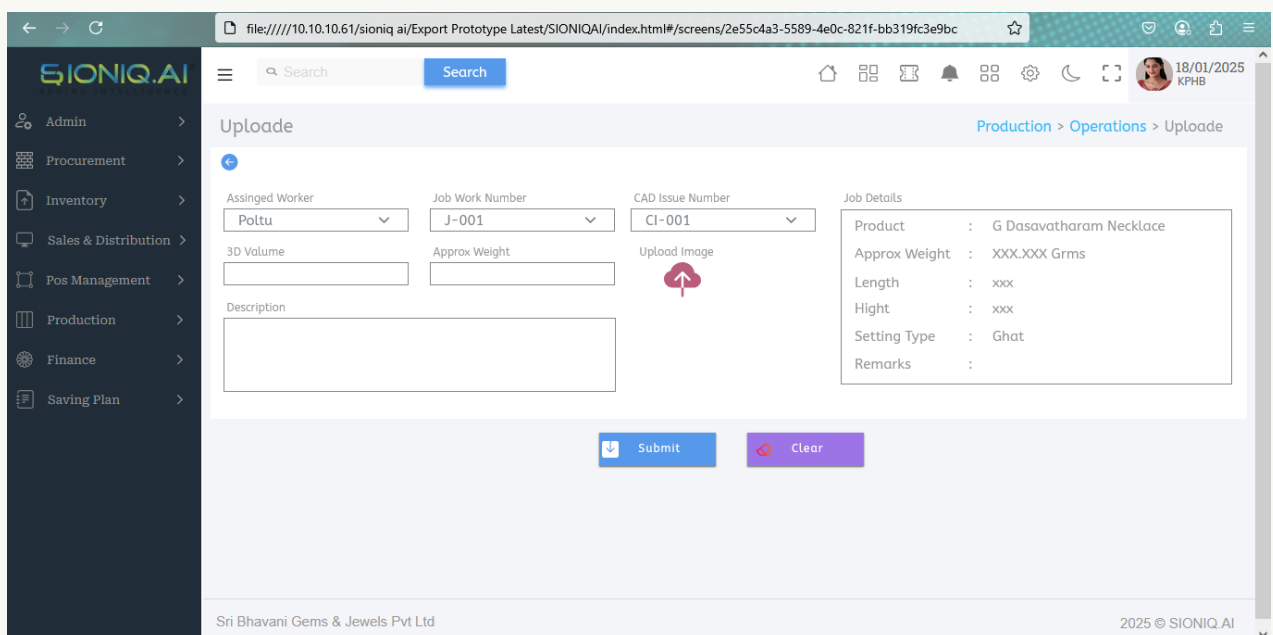
○ **Functionality:**

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

○ **Available Permissions:**

- **Add Upload Permission:** Grants access to the "Add" button, allowing users to upload new CAD records.
- **Edit Permission:** Enables access to the **Edit** icon in the Action column, allowing authorized users to modify CAD entries.
- **Delete Permission:** Allows access to the **Delete** icon in the Action column for removing existing CAD records.
- Admins or authorized personnel can assign permissions to individual users or predefined roles, ensuring secure and controlled access to CAD upload operations.

3.5 Screen Layout





3.6 UI Elements for Add Uploads

- **Assigned Worker:**
 - **Type:** Single Selection Dropdown
 - **Purpose:** To assign the upload to a specific worker responsible for the task.
 - **Source:**
 - System logic that fetches data dynamically from the **Worker Master**
 - Filter by departments that are configured with CAD Designers.
 - Filtered by workers who have pending uploads or approvals.
 - **Mandatory:** Yes (An assigned worker must be selected to proceed further in the workflow)
- **Job Work Number:**
 - **Type:** Single Selection Dropdown
 - **Purpose:** To associate the upload with a specific job work number.
 - **Source:**
 - Preloaded from the Job work table.
 - Filter by worker departments that are configured with CAD Designers.
 - Filter with selected assigned Worker.
 - **Mandatory:** Yes (A job work number must be selected to proceed further in the workflow)
- **CAD Issue Number:** Dropdown to select the CAD issue number for this design.
 - **Type:** Single Selection Dropdown
 - **Purpose:** To select the CAD issue number corresponding to the design.
 - **Source:** Preloaded from the CAD Issue module.
 - **Mandatory:** Yes (A CAD issue number must be selected to proceed further in the workflow)
- **3D Volume:** Text box for entering the 3D volume measurement.
 - **Source:** User input.
 - **Mandatory:** No
- **Approx Weight:** Text box for entering the approximate weight.
 - **Source:** User input.
 - **Mandatory:** No
- **Upload Image:** Icon-based button that, when clicked, reveals:
 - **Trigger:** Icon-based "Image" button.
 - **On Click:** Popup Enable:
 - **Upload Image:** Text box + "Browse" button for selecting image files.
 - Once u click on submit button popup will be disable.
 - **Source:** Manual file selection from local storage.
 - **Mandatory:** Yes (for proper documentation and visual reference)
- **Add:** Button to stage the selected image for preview.





- **Action:** Reads both text boxes and uploads to a temporary staging area.
- **Validation:** Ensures both files are specified before staging.
- **Mandatory:** No
- **Submit:** Button to finalize and save all form data and move staged uploads into permanent storage.
 - **Action:** Persists Assigned Worker, Concept No, Job Work No, CAD Issue No, 3D Volume, Approx Weight, and uploaded files.
 - **Validation:** Confirms all required fields and files are provided.
 - **Mandatory:** Yes
- **Description:** Text box to provide additional details or notes about the upload
 - **Source:** User Input.
 - **Mandatory:** No
- **Job Details** (Read-only Section)
 - Displays predefined details related to the job work item.
 - **Fields:**
 - Product: (e.g., G Dasavatharam Necklace)
 - Approx Weight: (e.g., XXX.XXX Grams)
 - Length (e.g., xxx)
 - Height (e.g., xxx)
 - Setting Type (e.g., Ghat)
 - Remarks
 - **Source:** Auto-filled from backend based on the associated job work number or concept.
 - **Mandatory:** Not editable by user
- **Submit:** Button to finalize and submit the upload.
 - **Action:** Finalizes and saves the data to the system.
 - **Validation:** Ensures mandatory fields (Assigned Worker, Concept No, Image) are filled.
 - **Mandatory:** Yes
- **Clear:** Button to reset all input fields to default values.
 - **Action:** Clears all inputs and selections to default.
 - **Usage:** Used to start a new entry
 - **Mandatory:** No
- **Previous Button:** (← Icon at the top-left): Navigates to the previous screen or module.
 - **Action:** Redirects without saving current form data.
 - **Mandatory:** No



4 Concept Approval

4.1 Purpose

The purpose of the **Concept Approval** process is to validate and authorize the proposed jewellery design before it moves to the next production stage. It ensures that the concept aligns with customer expectations, design standards, and feasibility criteria. The approval process acts as a control point to minimize errors and unnecessary rework. It involves designated approvers such as designers, department heads, or clients. This step helps maintain quality, streamline workflow, and ensure accountability across the design lifecycle.

4.2 User Type

Registered Users, Admins.

4.3 Screen Layout

Concept Number	Descriptions	Status
C-1		Approved
C-2		Approved
C-5	Pintu	Hold
C-12	Pintu	Hold
C-7	Worker 1	Rejected

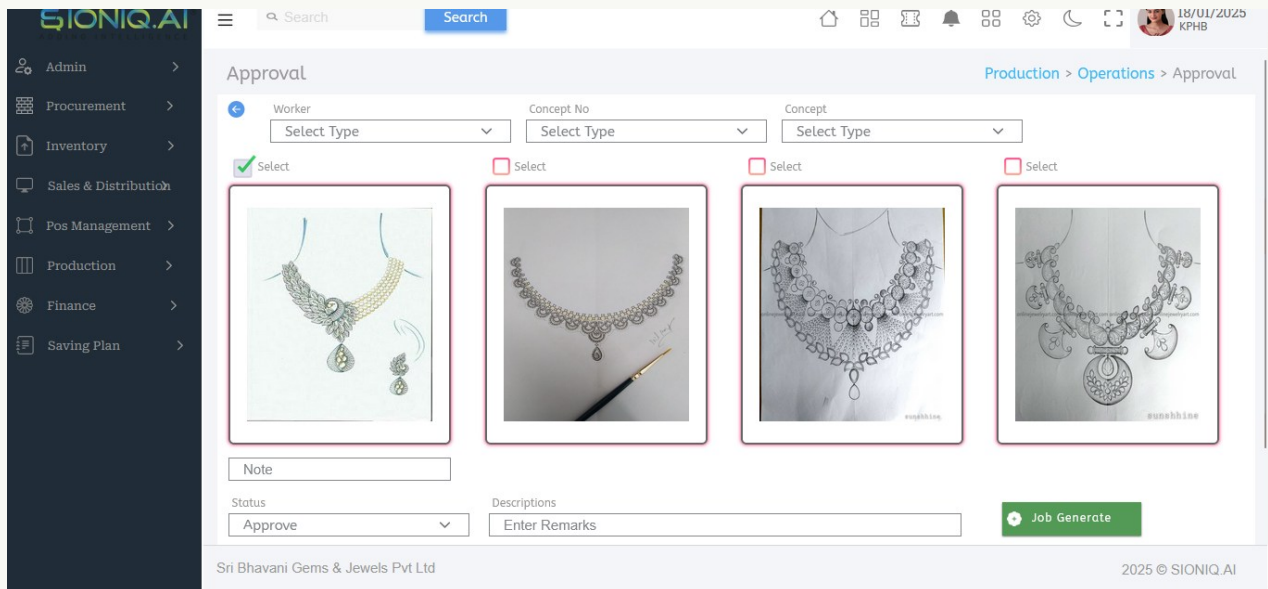
4.4 UI Elements

○ Tabular View

- **Description:** The **Tabular View** displays all **saved Approval records** in a structured table format.
 - **Action:**
 - **Cancel:** The **Action Cancel** allows users to **permanently delete a record** only if it has no linked transactions or dependencies. If the record is associated with existing data, the system will display "**Deletion Not Possible – Records Exist.**" Deletion is controlled by **user permissions**, ensuring that only authorized users can remove Approval records.
 - **Functionality:** After clicking the **Delete** button in the **Concept Approval Form**, a **confirmation prompt** should appear with the message:

- **"Are you sure you want to delete this record?"**
- **Yes** → Proceeds with deletion if no linked records exist.
- **No** → Cancels the deletion and retains the record.
- **Export: Action Export** allows users to **export all Saved Approval records** in formats like **Excel, CSV, or PDF**. This helps in **data analysis, reporting, and record-keeping**, ensuring easy sharing and backup of purity information.
 - Exports all filtered data based on the current table view and search filter
- **Import: Import** allows users to **upload Approval Records** from supported file formats (e.g., **Excel, CSV**). The system **validates the data** during import, ensuring correct formatting, accurate purity values, and preventing duplicate or incorrect entries before saving them into the ERP system.

4.5 Screen Layout



Step 1: Select Worker Dropdown

- **UI Element:** Dropdown
- **Source:** Concept Upload Table (Show only workers who have uploaded concepts)
- **Action:** User selects a Worker.
- **System Behavior:** The system filters and shows Concept Numbers and Concept Names based on the selected Worker.

Step 2: Select Concept Number & Name Dropdown

- **UI Element:** Dropdown
- **Source:** Concept Upload Table
- **Action:** User selects a Concept Number and Concept Name.



- **System Behavior:** The system displays all related Concept Images.
-

Step 3: Select Concept Image + Add Note Selection and Text Input

- **UI Element:**
 - **Concept Image Selection:** User selects one or more Concept Images from the displayed images.
 - **Add Note:** User enters an optional note for each image.
 - **System Behavior:**
 - The user can select multiple Concept Images.
 - The Note is optional and can be added for each image.
-

Step 4: Select Concept Status Dropdown

- **UI Element:** Dropdown
 - **Options:**
 - Approve
 - Hold
 - Reject
 - **Action:** User selects a Status.
 - **System Behavior:**
 - **Reject** → Save (moves concept back to Upload Stage, no Job Generation).
 - **Hold** → Save (keeps concept in Approval Stage, no Job Generation).
 - **Approve** → Show Job Generate Button.
-

Step 5: Job Generation (Only on Approve)

- **UI Element:** Button (optional)
 - **Action:**
 - User clicks Job Generate Button (only available if Approve is selected).
 - Optional: User may choose not to generate a job and just save the Concept Approval.
 - **System Behavior:**
 - If Job Generate is clicked, the system shows Job Generation dropdown (with Concept Number and Master Design options) and the Move to Next Process checkbox.
-

Step 6: If Concept Number is Selected in Job Generate Dropdown

- **UI Element:** Dropdown (Job Generation Base)





- **Options:** Concept Number
- **Action:** User selects Concept Number.
- **System Behavior:**
 - **Move to Next Process** checkbox appears.
 - **If checked:**
 - **Department Dropdown** is shown (Source: **Department Table**).
 - **Worker Checkbox** appears:
 - If the user selects the Worker checkbox, the Worker Dropdown is enabled and filters workers based on the selected Department (Source: Worker Table).
 - After Department and Worker selection, the user clicks Save.
 - **If not checked:**
 - The system proceeds directly to **Save** without requiring Department or Worker selection.

Step 7: If Master Design is Selected in Job Generate Dropdown

- **UI Element:** Dropdown (Job Generation Base)
- **Options:** Master Design, Concept Number
- **Action:** User selects Master Design.
- **System Behavior:**
 - The system displays selected Concept Images with the Job Generate dropdown, showing both Concept Number and Master Design options for each image.
 - If Concept Number is selected (after selecting Master Design):
 - The Move to Next Process checkbox appears.
 - **If checked:**
 - **Department Dropdown** is shown (Source: **Department Table**).
 - **Worker Checkbox** appears:
 - If the user selects the Worker checkbox, the Worker Dropdown is enabled and filters workers based on the selected Department (Source: Worker Table).
 - After Department and Worker selection, the user clicks Save.
 - **If not checked:**
 - The system proceeds directly to Save without requiring Department or Worker selection.

Add New Design Flow (If User Selects "Add New Design")





- **UI Element:** Button
- **Action:** User clicks Add New Design.
- **System Behavior:**
 - The system shows the following dropdowns for the user to select:
 - **Group Category Dropdown**
 - **Category Dropdown**
 - **Articles Dropdown**
 - The user selects **Group**, **Category**, and **Article**.
 - **Optional:**
 - **Move to Next Process (checkbox):**
 - **If checked:**
 - Show Department Dropdown (Source: Department Table).
 - Show Worker Button, which, when clicked, displays the Worker Dropdown (Source: Worker Table).
 - User selects Department and Worker, then clicks Save.
 - **If not checked:**
 - Proceed directly to Save without selecting Department or Worker.

Select Design Flow (If User Selects "Select Design")

- **UI Element:** Button
- **Action:** User clicks Select Design.
- **System Behavior:**
 - The system displays available Design Numbers in a dropdown (Source: Master Design Table).
 - The user selects a Design Number.
 - **Optional:**
 - **Add Variant (dropdown):** If the user selects a Variant, it is added to the design.
 - **Move to Next Process (checkbox):**
 - **If checked:**
 - Show Department Dropdown (Source: Department Table).
 - Show Worker Button, which, when clicked, displays the Worker Dropdown (Source: Worker Table).
 - After selecting Department and Worker, user clicks Save.
 - **If not checked:**
 - Proceed directly to Save without selecting Department or Worker.



5 CAD Approval

5.1 Purpose

The purpose of **CAD Approval** is to verify the technical accuracy and design integrity of the CAD model before manufacturing begins. It ensures the design meets client specifications, structural feasibility, and production requirements. This step confirms the correctness of dimensions, stone placements, and metal flow. CAD Approval reduces the risk of production errors and costly revisions. It serves as a formal checkpoint for quality control and client satisfaction.

5.2 User Type

Registered Users, Admins.

5.3 Screen Layout

Job Work Number	CAD Issue Number		Approx Weight	3D Volume	Descriptions	Status
J-001	CI-01		24.437	1568 mm	18K Gold V*0.0155	Approved
J-002	CI-02		26.961	1730 mm	18K Gold V*0.0155	Rejected
J-005	CI-05	Monu	50.73	2850 mm	22K Gold V*0.0178	Approved
J-012	CI-06	Naveen	34.675	1948 mm	22K Gold V*0.0178	Rejected
J-007	CI-04	Monu	19.000	1068 mm	22K Gold V*0.0178	Hold

5.4 UI Elements

○ Tabular View

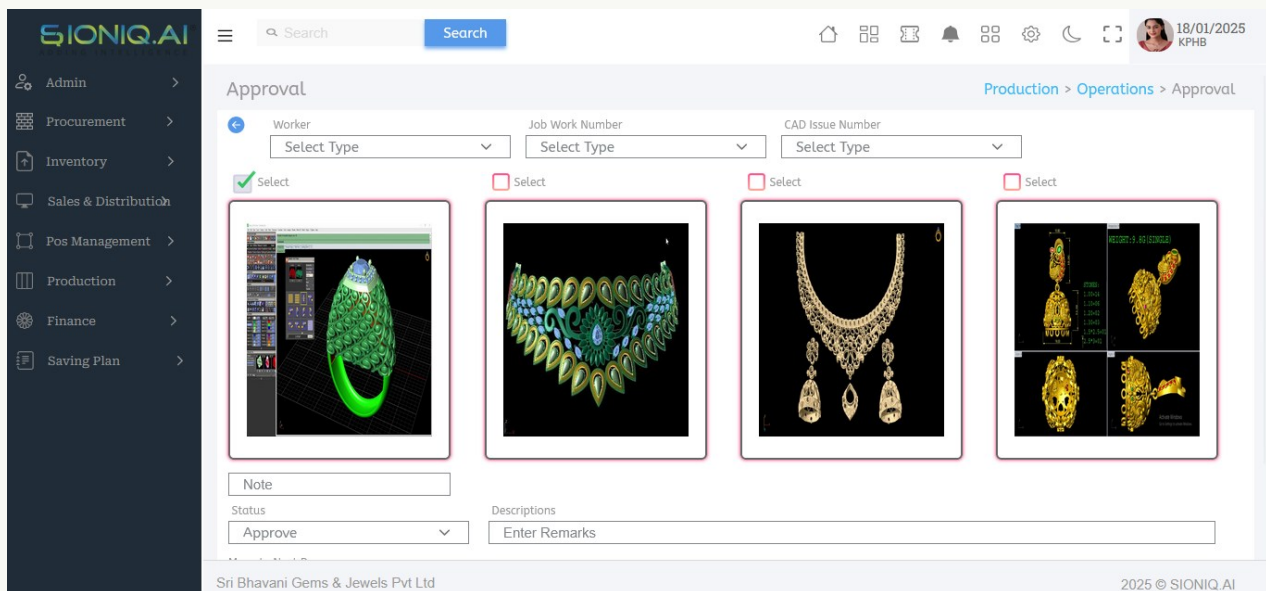
- **Description:** The **Tabular View** displays all **saved Approval records** in a structured table format.

- **Action:**

- **Cancel:** The **Action Cancel** allows users to **permanently delete a record** only if it has no linked transactions or dependencies. If the record is associated with existing data, the system will display "**Deletion Not Possible – Records Exist.**" Deletion is controlled by **user permissions**, ensuring that only authorized users can remove Approval records.
 - **Functionality:** After clicking the **Delete** button in the **Concept Approval Form**, a **confirmation prompt** should appear with the message:

- **"Are you sure you want to delete this record?"**
- **Yes** → Proceeds with deletion if no linked records exist.
- **No** → Cancels the deletion and retains the record.
- **Export: Action Export** allows users to **export all Saved Approval records** in formats like **Excel, CSV, or PDF**. This helps in **data analysis, reporting, and record-keeping**, ensuring easy sharing and backup of purity information.
 - Exports all filtered data based on the current table view and search filter
- **Import: Import** allows users to **upload Approval Records** from supported file formats (e.g., **Excel, CSV**). The system **validates the data** during import, ensuring correct formatting, accurate purity values, and preventing duplicate or incorrect entries before saving them into the ERP system.

5.5 Screen Layout



5.6 UI Elements

Step 1: Select Worker Dropdown

- **UI Element:** Dropdown
- **Source:** Concept Upload Table (Show only workers who have uploaded concepts)
- **Action:** User selects a Worker.
- **System Behavior:** The system filters and shows Concept Numbers and Concept Names based on the selected Worker.

Step 2: Select Job Number Dropdown

- **UI Element:** Dropdown



- **Source:** CAD Upload Table
 - **Action:** User selects a Job Number.
 - **System Behavior:** The system displays all related CAD Images.
-

Step 3: Select CAD Image + Add Note Selection and Text Input

- **UI Element:**
 - **CAD Image Selection:** User selects one or more CAD Images from the displayed images.
 - **Add Note:** User enters an optional note for each image.
 - **System Behavior:**
 - The user can select multiple cad Images.
 - The Note is optional and can be added for each image.
-

Step 4: Select CAD Status Dropdown

- **UI Element:** Dropdown
 - **Options:**
 - Approve
 - Hold
 - Reject
 - **Action:** User selects a Status.
 - **System Behavior:**
 - **Reject** → Save (moves Job Work back to Upload Stage).
 - **Hold** → Save (keeps Job in Approval Stage).
 - **Approve** → Save (Show Move to Next Process checkbox).
-

Step 6: Move to Next Process checkbox appears.

- **If checked:**
 - **Department Dropdown** is shown (Source: **Department Table**).
 - **Worker Checkbox** appears:
 - If the user selects the Worker checkbox, the Worker Dropdown is enabled and filters workers based on the selected Department (Source: Worker Table).
 - After Department and Worker selection, the user clicks Save.
- **If not checked:**
 - The system proceeds directly to **Save** without requiring Department or Worker selection.





6 Master Design

6.1 Purpose

The Material Issue Form is used by employees to issue materials (Metal, Stone, Wax) for production purposes. It supports multiple material types, sources, and complex workflows including job-wise and tag-based issues. Access to lockers and material visibility is based on the logged-in employee and applied filters.

6.2 User Type

Registered Users, Admins.

6.3 Screen Layout

Type	Product	Design Number	Variant	Image	Gross Weight	Net Weight	Status
Metal	G Neckl	ANT-M-0001	--		38.950	34.090	Active
Metal	G Neckl	ANT-M-0002	--		43.500	39.890	Active
Metal	G Necklace Fancy	VCT-M-0001	RE		77.890	74.150	Active
Metal	G Necklace Ghat	DIA-LS-0001	--		52.770	51.950	Active
Metal	G Necklace Dashavataram	CST-LS-0001	--		61.090	55.790	Active

6.4 UI Elements





UI Actions & Functionality

1. Generate Jobwork

- **UI Element:** Button
 - **Functionality:**
 - Triggers the Jobwork Generation Page.
 - Displays only selected images.
 - Default order quantity (pcs) is pre-filled.
 - Users can change order pcs globally or individually.
 - Final step: Submit jobwork for processing.
-

2. Send WhatsApp

- **UI Element:** Button
 - **Functionality:**
 - Sends selected images through WhatsApp.
 - Allows setting a time limit and protected password for shared content.
-

3. Export to Folder

- **UI Element:** Button
 - **Functionality:**
 - Allows exporting selected images.
 - Export options: PDF or Image.
 - Saves files into a designated folder on the system.
-

4. List View

- **UI Element:** Toggle/View Switch
 - **Functionality:**
 - Displays records in a list format for linear browsing.
-

5. Grid View

- **UI Element:** Toggle/View Switch
 - **Functionality:**
 - Displays records in a grid layout for visual browsing.
-

6. Cancel (Delete Record)

- **UI Element:** Button
- **Functionality:**
 - Permanently deletes a record.
 - Deletion only possible if there are no linked transactions.
 - Shows error: "Deletion Not Possible – Records Exist" if dependencies are found.





- Permission-controlled.
 - **Confirmation Prompt:**
 - Message: “Are you sure you want to delete this record?”
 - Options: Yes / No
-

7. Edit

- **UI Element:** Button
 - **Functionality:**
 - Opens Approval Concept Form with existing data.
 - Editable only by authorized users.
 - Saves and reflects updated record across the system.
-

8. Export

- **UI Element:** Button
 - **Functionality:**
 - Export saved approval records in Excel, CSV, or PDF.
 - Exports data as per current filters and view.
-

9. Import

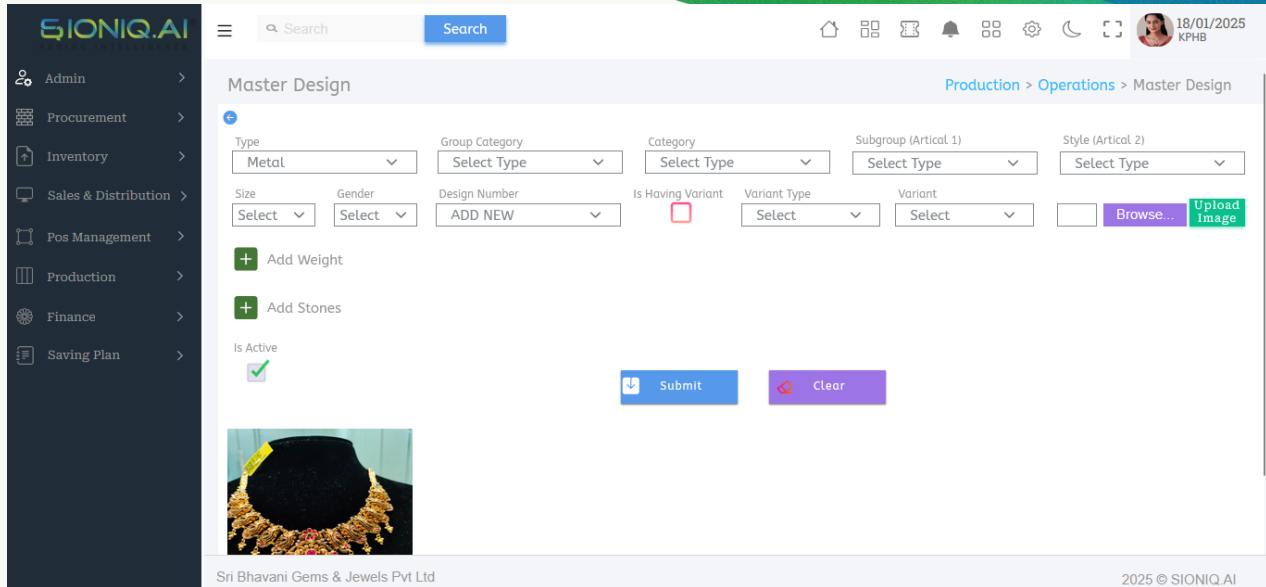
- **UI Element:** Button
 - **Functionality:**
 - Uploads approval records using Excel/CSV.
 - Validates data format, values, and duplication before import.
-

10. Add

- **UI Element:** Button
 - **Functionality:**
 - Opens Master Design Creation page directly.
-

6.5 Screen Layout





6.6 UI Elements

Select Type Dropdown

- **Type:** Dropdown
- **Options:** Metal, Stone, Brand

Functionality Based on Selection:

- **Metal** → Displays Metal fields: Group Category, Category, Articles.
- **Stone** → Displays Stone Group Category, Stone Category, Articles.
- **Brand** → Displays Brand Name, Group Category, Category, Articles.

Subsections for Each Design Type

Case 1: Metal Selection

All UI elements below follow the selection logic for Metal designs.

Group Category

- **Type:** Dropdown
- **Source:** Group Category Table
- **Function:** Filters Category and Articles.

Category

- **Type:** Dropdown
- **Source:** Category Table
- **Function:** Filters Articles.

Article 1

- **Type:** Dropdown
- **Source:** Article 1 Table
- **Function:** Filters Article 2.





Article 2

- **Type:** Dropdown
- **Source:** Article 2 Table
- **Function:** Filters Size, Gender, Design Numbers.

Size

- **Type:** Dropdown
- **Source:** Size Table
- **Function:** Filters Gender and Design Numbers.

Gender

- **Type:** Dropdown
- **Source:** Gender Table
- **Function:** Filters Design Numbers.

Design Number

- **Type:** Dropdown
- **Source:** Design Master Table
- **Options:** Add New, Existing Design Numbers
- **Functionality:**
 - **Add New:** Creates new Design after saving.
 - **Existing:** Allows adding a variant to existing Design.
 - Auto-populates combination based on selected Design.

Is Having Variant (Optional)

- **Type:** Checkbox
- **Function:**
 - Checked → Enables Variant Type and Variant dropdowns.
 - Unchecked → Disables them.

Variant Type

- **Type:** Dropdown
- **Source:** Variant Type Table
- **Function:** Filters Variant options.

Variant

- **Type:** Dropdown
- **Source:** Variant Table
- **Function:** Selects variant for chosen combination.

Upload Image

- **Type:** Upload
- **Function:** Attach design image.

Add Weight (Optional)

- **Type:** Button





- **Function:** Reveals fields:
 - Remove Weight, Gross Weight, Add Component, Add Stone Weight, Net Weight.

Gross Weight

- **Type:** Text Input
- **Validation:**
 - Numeric only
 - Max value: 100

Add Component Weight

- **Type:** Checkbox
- **Function:** Opens component weight page if checked.

Add Stone Weight

- **Type:** Checkbox
- **Function:** Opens stone weight page if checked.

Net Weight

- **Type:** Text (Read-only)
- **Calculation:** Gross Weight - Stone Weight

Remove Weight

- **Type:** Button
- **Function:** Hides all weight fields.

Add Stones (Optional)

- **Type:** Button
- **Function:** Opens Add Stone page.

Is Active

- **Type:** Checkbox
- **Default:** Checked
- **Function:** Marks purity status (active/inactive).

Submit

- **Type:** Button
- **Validation:** Mandatory field check
- **Function:** Saves Design.

Clear

- **Type:** Button
- **Function:** Resets form.

Previous

- **Type:** Button
 - **Function:** Returns to Tabular View without saving.
-





Case 2: Brand Selection (Detailed)

- Triggered when user selects "Brand" in the Select Type dropdown.

Brand Name

- Type: Dropdown
- Source: Brand Table
- Function: Filters Group Category, Category, Article 1 & Article 2.

After Brand Name the flow Same as Case 1 Metal

Case 3: Stone Selection (Detailed)

- Triggered when user selects "Stone" in the Select Type dropdown.

Stone Group Category

- **Type:** Dropdown
- **Source:** Stone Group Category Table
- **Function:** Filters Stone Category and Articles

Stone Category

- Type: Dropdown
- **Source:** Stone Category Table
- **Function:** Filters stone sub category

Stone Sub Category

- Type: Dropdown
- **Source:** Stone Category Table
- **Function:** Filters dynamic stone sub category's

Dynamic Stone Sub Category's

- **Type:** Dropdown
- **Source:** dynamic stone sub category Table

Design Number

- **Type:** Dropdown
- **Source:** Design Master Table
- **Function:** Add New: Creates new design ID. Existing: Fetches existing data to add variant.

Is Having Variant (Optional)

- **Type:** Checkbox
- **Function:** Checked → Activates Variant selection. Unchecked → Skips variant logic

Variant Type

- **Type:** Dropdown





- **Source:** Variant Type Table
- **Function:** Filters Variant options

Variant

- **Type:** Dropdown
- **Source:** Variant Table
- **Function:** Select specific variant.

Upload Image

- **Type:** Upload Button
- **Function:** Attach image to design.

Add Weight (Optional)

- **Type:** Button
- **Function:** Opens all weight-related inputs.

Gross Weight

- **Type:** Input
- **Function:** Numeric max 100

Add Component Weight

- **Type:** Checkbox
- **Function:** Launches component weight module.

Add Stone Weight

- **Type:** Checkbox
- **Function:** Launches stone weight module.

Net Weight

- **Type:** Read-only
- **Function:** Auto-calculated.

Remove Weight

- **Type:** Button
- **Function:** Collapses weight section.

Add Stones (Optional)

- **Type:** Button
- **Function:** Opens stone details form.

Is Active

- **Type:** Checkbox





- **Function:** Marks status of design.

Submit

- **Type:** Button
- **Function:** Saves record.

Clear

- **Type:** Button
- **Function:** Resets all form inputs.

Previous

- **Type:** Button
- **Function:** Returns to Tabular View.

7 Job Works - Generation

7.1 Purpose

The **Job Work Issue Form** is used to allocate specific Job Work tasks from a department to a worker, either in-house or outsourced. It facilitates controlled and traceable issuance of work by allowing selection of pending jobs, partial issuance, and material tracking. The form ensures that production tasks are distributed accurately, maintains a clear record of issued quantities (Pcs, Weights), and supports the generation of unique Production IDs for each issued batch. It plays a crucial role in managing workflow, optimizing resource allocation, and maintaining job-wise traceability across departments.

7.2 User Type

Registered Users, Admins.

7.3 Screen Layout

The screenshot displays the 'Job Works' generation interface. It features a search bar at the top with a 'Search' button. Below the search bar, there are tabs for 'Generation' and 'Assign'. A table lists job work entries with columns: B2B Customer, Order No, Combination Name, Purity, No Of Pcs, Gross Weight, Stone Weight, and Net Weight. A context menu is visible over the table, offering actions: Cancel Job Work, Print, Export, and Export All. The interface also includes a sidebar with navigation options and a footer with the company name and copyright information.

B2B Customer	Order No	Combination Name	Purity	No Of Pcs	Gross Weight	Stone Weight	Net Weight
CBJ-Ammerpet	101	G Necklace Nakshi	91.8	1	358.250	0.000	358.250
Thirumala	102	D Bangle Cng St	75.5	2	129.350	19.250	110.100
NSJ	105	G Bangle Nakshi	91.8	4	80.009	0.000	80.009
Mukunda	109	G Bangle Pachi	91.8	2	76.895	0.000	76.895
JVR	125	G Bangle Pachi	91.8	2	35.100	0.000	35.100





7.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Job Works Generation Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each job work generation record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Job Work Generation Form**
 - Allows entry of new job generation data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?





- **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
- **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Generated", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status color).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

7.5 Screen Layout





7.6 UI Elements

Job Work Type

- **Type:** Dropdown
- **Label:** Job Work Type
- **Source:** Static options
- **Options:** Stock, Concept, Order Customer, Customer Order
- **Functionality:**
 - **Stock:** Issued Type is displayed.
 - **Concept:** Concept and Job Generate On fields are displayed.
 - **Order Customer:** Customer, Production Mode, and Issued Type fields are displayed.
 - **Customer Order:** Customer, Production Mode, and Issued Type fields are displayed.

Case: 1 Jobwork Type: Stock

Production Mode

- **Type:** Dropdown
- **Options:** Out Source Vendor, In House Factory
- **Functionality:**
 - **Out Source Vendor:** Vendor dropdown is displayed.
 - **In House Factory:** Factory dropdown is displayed.

Vendor (Outsource)

- **Type:** Dropdown
- **Source:** Vendor Table
- **Description:** Select one vendor for assigning job work.

Factory (Inhouse)

- **Type:** Dropdown





- **Source:** Cost Center Table
- **Description:** Select one factory for assigning job work.

Issued Type

- **Type:** Dropdown
- **Options:** Design Code, Tag Number, Combination
- **Description:** Specifies the issuing basis for job work.
- **Functionality:**
 - Design Code or Tag Number: Shows a text input for entering code/number.
 - Combination: Displays additional configuration fields for job work.

Case 1.1 Issued Type: Design Code or Tag Number

Code/Number

- **Type:** Text Input
- **Source:** Design Master and Stock Master
- **Description:** Enter tag or design number to auto-fetch design details.

Group Category

- **Type:** Dropdown
- **Source:** Group Category Table
- **Description:** Auto-filled based on design/tag number.

Category

- **Type:** Dropdown
- **Source:** Category Table
- **Description:** Auto-filled based on design/tag number.

Dynamic Sub Category's

- **Type:** Dropdown
- **Source:** Dynamic sub category Table
- **Description:** Auto-filled based on design/tag number.

Purity

- **Type:** Dropdown
- **Source:** Purity Table
- **Description:** Auto-filled based on design/tag number.

No Of Pcs

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





- **Validation:** Numeric Only
- **Description:** Auto-filled; user editable.

Piece Weight

- **Type:** Text Input
- **Editable:** Yes
- **Validation:** Numeric Only
- **Description:** Auto-filled; user editable.

Total Weight

- **Type:** Text
- **Editable:** No
- **Description:** Auto-calculated = No of Pcs * Piece Weight

Stone (Optional)

- **Type:** Checkbox
- **Description:** Enables entry of stone details if checked.
- **Functionality:**
 - **Checked:** Opens stone popup section.
 - **Unchecked:** Skips stone entry.

Stone Popup

Stone Group Category

- **Type:** Dropdown
- **Source:** Stone Group Category Table

Stone Category

- **Type:** Dropdown
- **Source:** Stone Category Table

Stone Sub Category

- **Type:** Dropdown
- **Source:** Stone Sub Category Table

Dynamic Stone Sub Category

- **Type:** Dropdown
- **Source:** Dynamic Stone Sub Category Table





Stone Weight in Cts

- **Type:** Text Input
- **Validation:** Numeric Only
- **Description:** User can enter the stone weight in Cts.

Note: When the user inputs or changes the Stone Weight (Gms), the system will auto-calculate Stone Weight (Cts) using: $\text{Stone Weight (Cts)} = \text{Stone Weight (Gms)} \times 5$

Stone Weight in Gms

- **Type:** Text Input
- **Validation:** Numeric Only
- **Description:** User can enter the stone weight in Gms.

Note: When the user inputs or changes the Stone Weight (Cts), the system will auto-calculate Stone Weight (Gms) using: $\text{Stone Weight (Gms)} = \text{Stone Weight (Cts)} \div 5$

Stone No of Pcs

- **Type:** Text Input
- **Validation:** Numeric Only
- **Description:** User can enter the stone no of pcs

Stone Tabular View

- **Types:** Table
- **Description:** Displays saved stone records in tabular format.
- **Actions:** Edit, Delete
 - **Edit:** when user click on edit populate stone fields filled.
 - **Delete:** when user click on delete remove the record from the table

Stone Weight

- **Type:** Text
- **Editable:** No
- **Description:** Auto-calculated from stone Added stones.

Component (Optional)

- **Type:** Checkbox
- **Description:** Enables entry of component details if checked.
- **Functionality:**
 - **Checked:** Opens component Popup.





- **Unchecked:** Skips component entry.
-

Component Popup

Group Category

- **Type:** Dropdown
- **Source:** Group Category Table

Category

- **Type:** Dropdown
- **Source:** Category Table

Dynamic Sub Category

- **Type:** Dropdown
- **Source:** Dynamic sub category table

Purity

- **Type:** Dropdown
- **Source:** Purity table

Component Gross Wt

- **Type:** Text Input
- **Validation:** Numeric Only
- **Editable:** Yes
- **Description:** User can enter the component Gross Wt

Component Stone Wt

- **Same as Stone Popup**

Stone Weight

- **Type:** Text Input
- **Editable:** No
- **Description:** Auto-calculated from stones Added.

Component Net Weight

- **Type:** Text Input
- **Editable:** No
- **Description:** Auto-calculated = Component Gross weight – Component Net Weight.





Component Pcs

- **Type:** Text Input
- **Validation:** Numeric Only

Component Tabular View

- **Type:** Table
- **Description:** Displays saved component records in tabular format.
- **Actions:** Edit, Delete
 - **Edit:** when user click on edit populate Component fields filled.
 - **Delete:** when user click on delete remove the record from the table

Component Weight

- **Type:** Text
- **Editable:** No
- **Description:** Auto-calculated from components added.

Net Weight

- **Type:** Text
- **Editable:** No
- **Description:** Auto-calculated = Gross weight – Net Weight.

Is Having Sample (Optional)

- **Type:** Checkbox
- **Description:** Enables entry of sample details if checked.
- **Functionality:**
 - **Checked:** Opens sample Popup (Customer Sample or Stock Sample).
 - **Unchecked:** Skips sample entry.

Sample Popup

Customer Sample

- **Type:** Button
- **Description:** If the customer is giving the sample item, then the user will click on 'Customer Sample'. The system will display the 'Product Type'.

Product Type





- **Type:** Dropdown
- **Options:** Metal, Stone
- **Description:** Based on the selection, the system will display the respective fields.

If the user selected 'Metal':

Group Category

- **Type:** Dropdown
- **Source:** Group Category Table
- **Description:** User can select sample group category.

Category

- **Type:** Dropdown
- **Source:** Category Table
- **Description:** User can select sample category.

Dynamic Sub Category

- **Type:** Dropdown
- **Source:** Dynamic Sub Category Table
- **Description:** User can select sample category.

Purity

- **Type:** Dropdown
- **Source:** Purity Table
- **Description:** User can select sample purity.

No Of Pcs

- **Type:** Text Input
- **Editable:** Yes
- **Validation:** Applicable
- **Allowed Characters:** Only Numeric
- **Description:** User will enter the number of pieces of items given by the customer.

Gross Weight

- **Type:** Text
- **Editable:** Yes
- **Validation:** Applicable
- **Allowed Characters:** Numeric
- **Description:** User will enter the weight of the items given by the customer.





Stone (Optional)

- Same as Stone Popup

Stone Weight

- Type: Text
- Editable: No
- Description: Auto-calculated from added stones.

Component (Optional)

- Same as Component Popup

Component Weight

- Type: Text
- Editable: No
- Description: Auto-calculated from added components.

Net Weight

- Type: Text
- Editable: No
- Description: Auto-calculated Net Weight = Gross Weight - Stone Weight.

Rate

- Type: Text
- Editable: Yes
- Validation: Applicable
- Allowed Characters: Only Numeric
- Description: User can Enter the rate.

Value

- Type: Text
- Editable: No
- Description: Auto-calculated as (Net Weight * Rate + Stone Amount).

Use in Production (Optional)

- Type: Checkbox
- Functionality:
 - If checked: Item can be used in production.
 - If not checked: Cannot be used in production.





Upload Image (optional)

- Type: Upload
- Description: User can upload the image of the sample for further use.

Add

- Type: Button
- Description: On clicking 'Add', the sample item will be added to the table grid below and show extra fields.

Delivery Date

- Type: Date Select
- Description: User can select the delivery date of the sample item.

Receiving By

- Type: Dropdown
- Source: Employee Table
- Description: User can select the employee who is receiving the item.

Supervisor

- Type: Dropdown
- Source: Employee Table
- Description: User can select the supervisor for information about who took the item.

Sample Submission Type

- Type: Dropdown
- Options: In Person, Courier
- Description: User can select the method used by the customer to submit the sample item.
 - If Courier: System displays courier receipt number.
 - If In Person: System displays person name and contact number.

-- Courier Flow --

Courier Receipt No (Optional)

- Type: Dropdown
- Source: Courier Receipt Table
- Description: User can optionally select the receipt number.

-- In Person Flow --

Person Name





- Type: Text
- Description: User can enter the name of the person giving the item.

Person Contact Number

- Type: Text
- Description: User can enter the contact number of the person giving the Sample item.

Submit

- Type: Button
- Description: On clicking 'Submit', system saves the sample data and closes the form.

Clear

- Type: Button
- Description: On clicking 'Clear', system clears all sample data and refreshes the form.

Customer Sample Stone (If selected)

Stone Group Category

- Type: Dropdown
- Source: Stone Group Category Table
- Description: User can select any one of the group categories.

Stone Category

- Type: Dropdown
- Source: Stone Category Table
- Description: User can select any one of the stone categories.

Dynamic Stone Sub Category

- Type: Dropdown
- Source: Stone Article Table
- Description: User can select any one of the articles.

Stone Weight in Cts

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: User can enter stone weight in carats.

Stone Weight in Gms





- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: User can enter stone weight in grams.

Stone No of Pcs

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: User can enter the number of stone pieces.

Rate UOM

- Type: Dropdown
- Source: Stone UOM Master Table
- Description: Based on selected rate UOM, calculation will be performed.

Rate

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: user can enter the stone rate.

Value

- Type: Text Input
- Editable: No
- Description: Auto-calculated (Stone Weight * Rate).

Use in Production

- Type: Checkbox
- Functionality:
 - If checked: Item can be used in production.
 - If not checked: Cannot be used in production.

Upload Image

- Type: Upload
- Description: Upload image of sample for reference.

Add

- Type: Button





- Description: Adds the sample to the table grid and shows the extra fields.

Stone Tabular View

- Type: Table
- Description: Displays all saved stone records in a structured table format for navigation, filtering, and actions.
- Actions: Edit, Delete
 - Edit: when user click on edit populate stone fields filled.
 - Delete: when user click on delete remove the record from the table

Delivery Date

- Type: Date Selector
- Description: User Selects the delivery date of the Sample.

Receiving By

- Type: Dropdown
- Source: Employee Table
- Description: Select employee receiving the item.

Supervisor

- Type: Dropdown
- Source: Employee Table
- Description: Select supervising employee.

Sample Submission Type

- Type: Dropdown
- Options: In Person, Courier
- Functionality:
 - If In Person: Show name and contact fields.
 - If Courier: Show courier receipt field.

Courier Receipt No (optional)

- Type: Dropdown
- Source: Courier Receipt Table
- Description: if user wants to selects the courier rc no he will select.

Person Name

- Type: Text Input
- Description: Name of person submitting the sample.





Person Contact Number

- Type: Text Input
- Description: Contact number of the person.

Submit

- Type: Button
- Description: Saves the customer sample and opens job work form.

Clear

- Type: Button
- Description: Clears and resets the form.

Stock Sample Flow

Stock Sample Selection

Stock Sample Button

- Type: Button
- Description: Clicking displays tag number field.

Tag Number

- Type: Text Input
- Source: Stock Table
- Description: Enter tag number to display details and image.

Edit (In Table)

- Type: Icon
- Description: Click to open tag details in edit form.

Edit Flow (Auto-populated Based on Tag Number)

Group Category

- Type: Dropdown
- Source: Group Category Table
- Description: Auto Populate and Editable.

Category

- Type: Dropdown
- Source: Category Table
- Description: Auto Populate and Editable.





Article 1

- Type: Dropdown
- Source: Article Table
- Description: Auto Populate and Editable.

Article 2

- Type: Dropdown
- Source: Article Table
- Description: Auto Populate and Editable.

Purity

- Type: Dropdown
- Source: Purity Table
- Description: Auto Populate and Editable.

No of Pcs

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: Auto Populate and Editable.

Stone (Optional)

(Same logic as stone Check box)

Stone Weight

- Type: Text Input
- Editable: No
- Description: Auto-calculated from added stones.

Component (Optional)

Component

Same as Component Check box

Component Weight

- Type: Text Input
- Editable: No
- Description: Auto-calculated.

Net Weight





- Type: Text Input
- Editable: No
- Description: Auto-calculated (Gross - Stone).

Add

- Type: Button
- Description: Adds to stock grid.

Submit

- Type: Button
- Description: Saves edited sample and redirects to job work.

Here onwards with sample and without sample same flow

Upload Image

- Type: Upload
- Description: user can upload the images of job work.

Add

- Type: Button
- Description: Adds job work entry to Grid and displays extra fields.

Clear

- Type: Button
- Description: Clears job work form.

Supervisor

- Type: Dropdown
- Source: Employee Table
- Description: User selects under whom supervision order is taking.

Sales Executive

- Type: Dropdown
- Source: Employee Table
- Description: User selects the employee who is taking the order.

Delivery Date

- Type: Date Selector
- Description: User Selects the delivery date of the order.





Delivery Note

- Type: Text Input
- Description: Remarks field.

Person Name

- Type: Text Input
- Description: User enters the Person name of order given person.

Person Contact Number

- Type: Text Input
- Description: User enters the contact number of order given person.

Submit

- Type: Button
- Description: Final submit and redirect.

Clear

- Type: Button
- Description: Clears form.

If User Selects Combination wise

Case 1.2 Combination Wise Flow Group Category

- Type: Dropdown
- Source: Group Category Table
- Description: User can select sample group category.

Category

- Type: Dropdown
- Source: Category Table
- Description: User can select sample category.

Article 1

- Type: Dropdown
- Source: Article Table
- Description: User can select sample Article 1.





Article 2

- Type: Dropdown
- Source: Article Table
- Description: User can select sample Article 2.

Purity

- Type: Dropdown
- Source: Purity Table
- Description: User can select sample purity.

No Of Pcs

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: User can enter the no of pcs they required.

Piece Weight

- Type: Text Input
- Editable: Yes
- Validation: Numeric Only
- Description: User can enter the required piece weight.

Total Weight

- Type: Text
- Editable: No
- Description: Auto-calculated = No of Pcs * Piece Weight

Stone (Optional)

- **Same as Stone Check Box**

Stone Weight

- Type: Text
- Editable: No
- Description: Auto-calculated from stone records.

Component (Optional)

- **Same As Component Check box**

Component Weight





- Type: Text
- Editable: No
- Description: Auto-calculated from components added.

Net Weight

- Type: Text
- Editable: No
- Description: Auto-calculated = Gross - Stone.

Is Having Sample (Optional)

- Type: Checkbox
- Description: Enables entry of sample details if checked.
- Functionality:
 - Checked: Opens sample info entry section (Customer Sample or Stock Sample).
 - Unchecked: Skips sample entry.

Sample Flow

- **Same as Case1.1 sample up to submission of job Work**

Case-2 Concept Selection Flow

Concept

- Type: Dropdown
- Source: Concept Upload Table
- Action: User selects a Concept Number from the dropdown.
- System Behavior: The system displays all related Concept Images associated with the selected Concept Number.

Job Generate On

- Type: Dropdown
- Options: Master Design, Concept Number
- Action: User selects an option (Master Design or Concept Number) based on their requirement.
- System Behavior:
 - Display the Concept Images related to the selected option.
 - For each image, display a "Job Generate On" dropdown with options: Master Design, Concept Number.
 - User can select for each image where the job should be generated on.
 - User can then save the selection.





Submit

- Type: Button
- Action: User clicks on Submit.
- System Behavior:
 - System saves the Job Work.
 - RC Number (Requisition Copy Number) is saved.
 - No bulk RC number is needed.
 - Save as individual PC-wise RC numbers.

Clear

- Type: Button
- Action: User clicks on Clear.
- System Behavior: Clear all Job Work data and refresh the form to initial state.

Case-3 Order and Customer Order Selection Flow

Customer

- Type: Dropdown
- Source: Customer Creation Table
- Description: User selects the customer for whom this job work is being created.

Add Customer Dropdown First After That All Other Same as Case-1

8 Job Assign

8.1 Purpose

The Job Work Assign Form is used to allocate specific job tasks to a selected worker (Inhouse or Outsource) based on available job orders. It ensures clear tracking of job responsibilities, facilitates organized work distribution from one department to workers, and enables monitoring of pending and completed tasks within the production workflow.

8.2 User Type

Registered Users, Admins.

8.3 Screen Layout





The screenshot shows the SIONIQ.AI Job Works interface. It features a sidebar with navigation options: Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main content area displays a table of Job Works records. The table has columns for B2B Customer, Order No, Group Category, Category, Combination Name, Purity, No Of Pcs, Gross Weight, Stone Weight, Net Weight, and Status. The records are as follows:

B2B Customer	Order No	Group Category	Category	Combination Name	Purity	No Of Pcs	Gross Weight	Stone Weight	Net Weight	Status
CBJ-Ammerpet	101	Gold	Gold	G Necklace Nakshi	91.8	1	358.250	0.000	358.250	Assigned
Thirumala	102	Gold	Diamond	D Bangle Cng St	75.5	2	129.350	19.250	110.100	Assigned
NSJ	105	Gold	Gold	G Bangle Nakshi	91.8	4	80.009	0.000	80.009	Pending
Mukunda	109	Gold	Gold	G Bangle Pachi	91.8	2	76.895	0.000	76.895	Assigned
JVR	125	Gold	Gold	G Bangle Pachi	91.8	2	35.100	0.000	35.100	Pending

The interface also includes a search bar, a 'Search' button, and a 'Job Works' breadcrumb. The footer of the screenshot shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

8.4 UI Elements

Tabular View

Description: Displays all Job Work Assigned records in a structured table format for easy navigation, filtering, and action-taking.

UI Actions & Functionality

1. Cancel (Delete Record)

- **UI Element:** Button
- **Functionality:**
 - Permanently deletes a record.
 - Deletion only possible if there are no linked transactions.
 - Shows error: “Deletion Not Possible – Records Exist” if dependencies are found.
 - Permission-controlled.
- **Confirmation Prompt:**
 - Message: “Are you sure you want to delete this record?”
 - Options: Yes / No

2. Edit

- **UI Element:** Button
- **Functionality:**





- Opens Job work Assign Form with existing data.
- Editable only by authorized users.
- Saves and reflects updated record across the system.

3. Export

- **UI Element:** Button
- **Functionality:**
 - Export saved Job work records in Excel, CSV, or PDF.
 - Exports data as per current filters and view.

4. Import

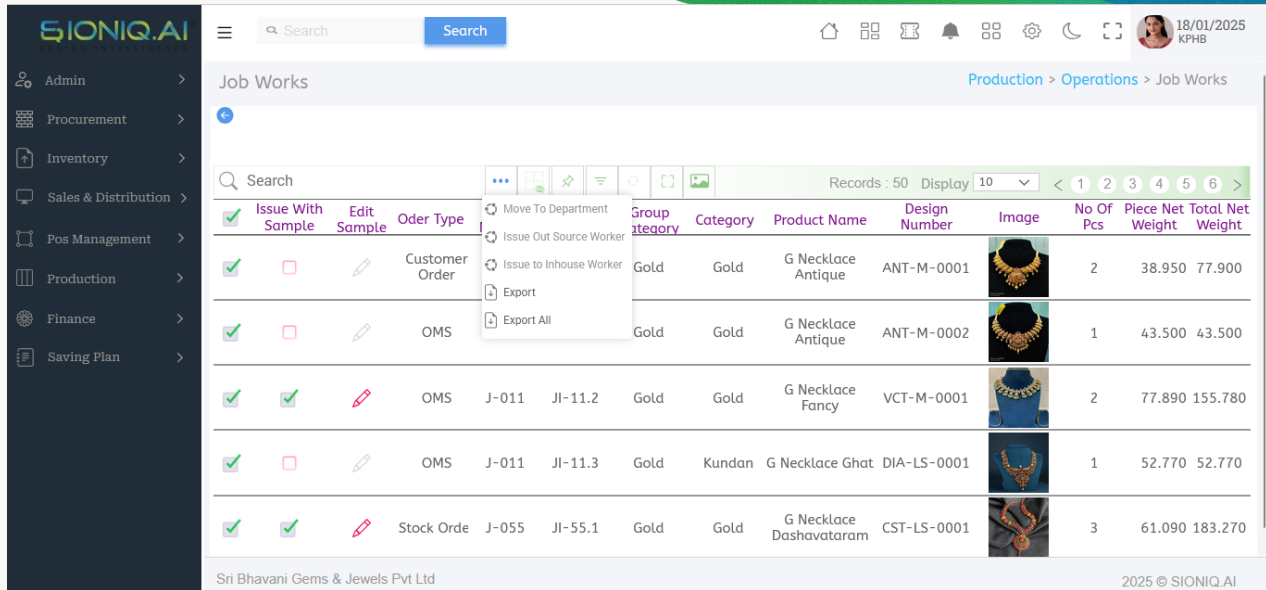
- **UI Element:** Button
- **Functionality:**
 - Uploads Job work Assign records using Excel/CSV.
 - Validates data format, values, and duplication before import.

5. Add

- **UI Element:** Button
- **Functionality:**
 - Opens Job Work Assign page directly.

8.5 Screen Layout





8.6 UI Elements

Tabular

Description: Displays a list of job works that have been generated but have not yet been assigned to a department or worker.

Issue with Sample

UI Element: Checkbox

Description: Directly checking this box indicates that a sample will be issued along with the job work.

Functionality:

- Checked: The sample will be issued with the job work.
- Unchecked: The sample will not be issued with the job work; the sample will remain pending in production.

Edit Sample

UI Element: Icon (Edit Sample)

Description: An edit icon that is enabled only for job works where a sample has already been issued.

Functionality: If a user wants to modify the sample weight or address any issues related to a job work with an issued sample, clicking this icon will redirect them to the sample editing page.

Actions

These actions become available when a user selects one or more job works from the displayed list.

Move to Department

UI Element: Button

Description: This button is enabled only when at least one job work is selected.



Functionality:

1. Upon selecting a job work and clicking this button, the system displays the following elements:
 - Department: A dropdown menu.
 - Comments: A text field for remarks.
 - Submit: A button to finalize the department movement.

Department

- **UI Element:** Dropdown
- **Source:** Department Table
- **Description:** Allows the user to select the department to which the job work is being moved.

Comments

- **UI Element:** Text field
- **Description:** Provides a space for users to enter any relevant remarks regarding the department movement.

Submit

- **UI Element:** Button
- **Validation:** Ensures all mandatory fields (likely Department) are filled before proceeding.
- **Function:** Saves the department movement information for the selected job work(s).

Issue to Outsource Worker

UI Element: Button

Description: This button is enabled only when at least one job work is selected.

Functionality:

1. Upon selecting a job work and clicking this button, the system displays the following elements:
 - Worker: A dropdown menu.
 - Comments: A text field for remarks.
 - Submit: A button to finalize the issuance to the outsource worker.

Worker

- **UI Element:** Dropdown
- **Source:** Worker Table
- **Description:** Allows the user to select the specific outsource worker to whom the job work is being issued.





Comments

- **UI Element:** Text field
- **Description:** Provides a space for users to enter any relevant remarks regarding the issuance to the outsource worker.

Submit

- **UI Element:** Button
- **Validation:** Ensures all mandatory fields (likely Worker) are filled before proceeding.
- **Function:** Saves the issuance information to the selected outsource worker for the job work(s).

Issue to Inhouse Worker

UI Element: Button

Description: This button is enabled only when at least one job work is selected.

Functionality:

1. Upon selecting a job work and clicking this button, the system displays the following elements:
 - Department: A dropdown menu.
 - Worker: A dropdown menu.
 - Comments: A text field for remarks.
 - Submit: A button to finalize the issuance to the inhouse worker.

Department

- **UI Element:** Dropdown
- **Source:** Department Table
- **Description:** Allows the user to select the department to which the job work is being moved for the inhouse worker.

Worker

- **UI Element:** Dropdown
- **Source:** Worker Table
- **Description:** Allows the user to select the specific inhouse worker to whom the job work is being issued.

Comments

- **UI Element:** Text field
- **Description:** Provides a space for users to enter any relevant remarks regarding the issuance to the inhouse worker.





Submit

- **UI Element:** Button
- **Validation:** Ensures all mandatory fields (likely Department and Worker) are filled before proceeding.
- **Function:** Saves the issuance information to the selected inhouse worker within the chosen department for the job work(s).

9 Department Transfer

9.1 Purpose

The **Department Movement** screen enables internal transfers between production departments based on user access rights. It ensures users can only act within their authorized departments, with form fields adapting dynamically. Dropdowns like "Transfer To" and "To Department" auto-filter based on department relationships. This logic ensures accurate, secure, and controlled movement tracking.

9.2 User Type

Registered Users, Admins.

9.3 Screen Layout

From Department	To Department	Transaction Type	Transfer F	Pcs	Gross Weight	Stone Weight	Net Weight	Status
Casting	Filling	Job Work	DI-1	5	--	--	--	Accepted
Casting	Filling	Job Work	DI-2	8	285.320	--	285.320	Accepted
Filling	Polish	Repair	DI-3	2	59.130	5.120	54.010	Accept Pending
Polish	Fitting	Repair	DI-4	6	42.860	--	42.860	Accepted
Fitting	Polish	Tags	DI-5	15	190.300	39.685	150.615	Accepted

9.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Department Transfer Form** in a modal or new section





- **Action Button**

- **Icon:** "... " (Three dots menu)
- **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**

- Allows multi-selection of records for actions (Print, Cancel, Export)

- **RC Number**

- Unique reference code for each transfer record

Button Functionalities

+ Add Button

- **Action:**

- Opens the **Department Transfer Form**
- Allows entry of new transfer data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**

- If checkboxes are selected, generate a print format for selected records
- If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**

- If one or more records are selected, show a confirmation popup:

Are you sure you want to cancel the selected record(s)?

- **Yes:**

- Cancel selected records
- **Permission Check:** Only users with the appropriate role/permission can cancel

- **No:**

- Close popup, do not take action

- **If no record is selected:**





- Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Transfer", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status color).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

9.5 Screen Layout

Job Number	Item No	Group Category	Product Name	Image	Order Pcs	Order Net Weight	Purit	Gross Weight	Stone Weight	Net Weight	Total Pure Weight
<input type="checkbox"/>	J-001	JI-1.1	Gold	G Necklace Antique		2	38.950	91.8	--	--	--
<input type="checkbox"/>	J-011	JI-11.1	Gold	G Necklace Antique		1	43.500	91.8	47.300	--	47.300
<input type="checkbox"/>	J-011	JI-11.2	Gold	G Necklace Fancy		2	77.890	75.5	--	--	--
<input type="checkbox"/>	J-011	JI-11.3	Gold	G Necklace Ghat		1	52.770	91.8	--	--	--

9.6 UI Elements

When a user clicks the **'+' button** on the previous screen, this Department Movement interface is displayed. It is designed to manage and track internal transfers between production departments.





- **From Department (Dropdown):** Select the department from which the movement is initiated.
 - **Type: Dropdown**
 - **Options:** Example – Filling (others may appear based on access).
 - **Source:** Dynamically Input From Production Department Table
 - **Mandatory:** Yes
 - **Access Logic:**
 - If user has access to multiple departments, this dropdown is editable.
 - If the user has access to only one department, the field is pre-filled and non-editable.
- **Transfer To (Dropdown):** Displays whether the transfer is to a Sub Department or Another Department.
 - **Type: Dropdown**
 - **Options:** Sub Department, Another Department
 - **Mandatory:** Yes
 - **Editable:** Yes
 - **Logic:**
 - If the From Department has linked Sub Departments, “Sub Department” is shown.
 - If not, “Another Department” is selected by default.
- **To Department (Dropdown):** Select the department to which items are being moved.
 - **Type: Dropdown**
 - **Options:** Input From Production Department Table
 - **Mandatory:** Yes
- **Transaction Type (Dropdown):** Define the nature of the transaction between departments.
 - **Type:** Dropdown
 - **Options:** Job works, Repair, Sample, Tags
 - **Mandatory:** Yes

Table View Of Transfer

- **Job Work:**
 - **Trigger:** When "Job Work" is selected from the Transaction Type dropdown.
 - **Behaviour:**
 - Automatically fetches and table displays pending job work entries related to the selected From Department.
 - A checkbox is available for each row, enabling selection of multiple entries.
- **Repair:**
 - **Trigger:** When "Repair" is selected.
 - **Behaviour:**
 - Table Displays a list of items that require repair, pulled from the selected From Department.
- **Sample:**
 - **Trigger:** When "Sample" is selected
 - **Behaviour:**





- Loads a table of pending sample items tied to the selected From Department.
- **Tags:**
 - **Trigger:** When "Tags" is selected.
 - **Behaviour:**
 - Retrieves and table displays items awaiting tagging from the From Department.
- **Check Box:**
 - **Trigger:** When "Checkbox" is selected
 - **Behaviour**
 - Users can select multiple items using the checkboxes.
 - Only selected rows are processed during submission.
 - Table is read-only except for checkbox interaction.
- **Submit Button:**
 - **Trigger:** Clicking the Submit button.
 - **Validations:**
 - Ensure at least one row is selected.
 - Ensure To Department is chosen.
 - Transaction type must be specified.
 - **Action:**
 - Transfers the selected records from From Department **to** To Department.
 - Records are updated with the appropriate Transaction Type.
- **Clear Button:**
 - Resets all selected dropdowns and table data.
 - Unchecks any selected items and returns the form to default.
 - Used to start a fresh transfer entry.
- **Previous Button:** Button to navigate back to the previous step or screen in the configuration workflow.
 - **Action:** Redirects the user to the prior screen without saving the current input.
 - **Validation:** No validation is triggered; unsaved data is not retained.
 - **Mandatory:** No

10 Department Accept

10.1 Purpose

The Accept screen within the Department Movement module enables designated departments to receive, verify, and accept items transferred from other departments. It ensures accurate inventory handovers and helps maintain accountability in internal movements.

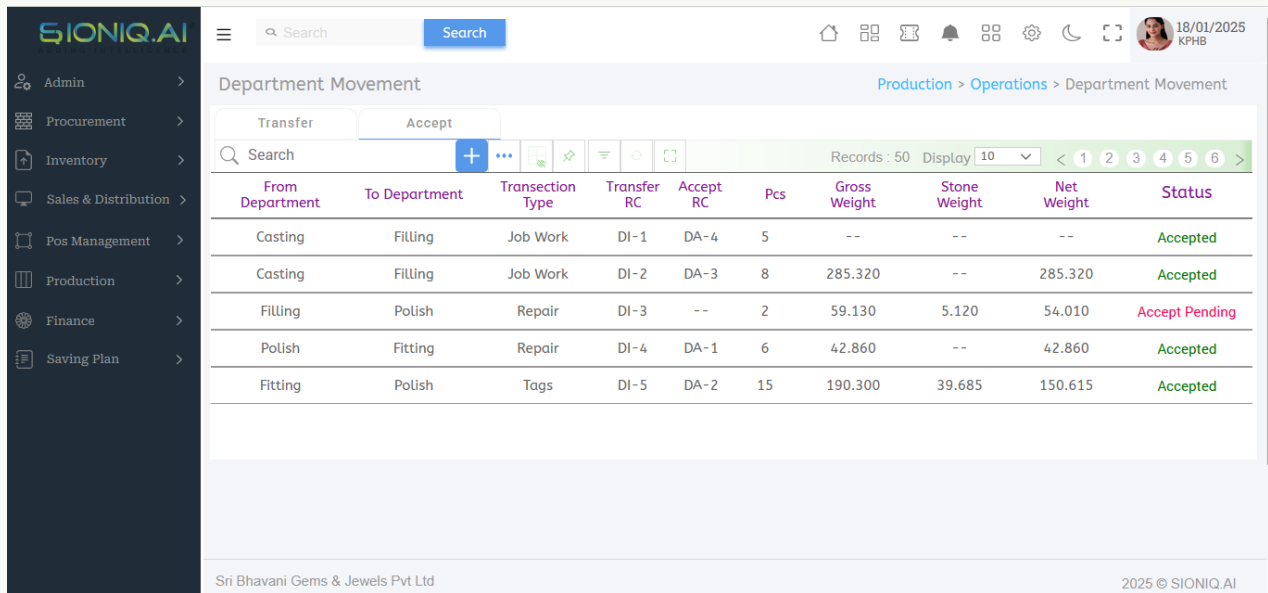
10.2 User Type





Registered Users, Admins.

10.3 Screen Layout



10.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Department Accept Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each accept record

Button Functionalities





+ Add Button

- **Action:**
 - Opens the **Department Accept Form**
 - Allows entry of new accept data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.



- Status should reflect values like "Transfer", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status color).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

10.5 Screen Layout

Job Number	Item No	Group Category	Product Name	Image	Order Pcs	Order Net Weight	Purit	Gross Weight	Stone Weight	Net Weight	Total Pure Weight
J-001	JI-1.1	Gold	G Necklace Antique		2	38.950	91.8	--	--	--	--
J-011	JI-11.1	Gold	G Necklace Antique		1	43.500	91.8	47.300	--	47.300	43.421
J-011	JI-11.2	Gold	G Necklace Fancy		2	77.890	75.5	--	--	--	--
J-011	JI-11.3	Gold	G Necklace Ghat		1	52.770	91.8	--	--	--	--

10.6 UI Elements

When a user clicks the '+' button on the previous screen, this Department Movement – Accept interface is displayed. It is designed to manage and track internal transfers that are received by the current department from other production departments.

- **Production Department:**
 - **Type:** Dropdown
 - **Options:** Example – Filling (others may appear based on access).
 - **Source:** Dynamically Input From Production Department Table
 - **Mandatory:** Yes
- **Karighar:**
 - **Type:** Dropdown
 - **Options:** Dynamically input from the *Karighar* table (list of workers/artisans)
 - **Mandatory:** Yes
 - **Editable:** Yes
- **Transaction Type:**
 - **Type:** Dropdown
 - **Options:** Job works, Repair, Sample, Tags
 - **Mandatory:** Yes



Table View Of Accept

○ Job Work:

- **Trigger:** When "Job Work" is selected from the Transaction Type dropdown.
- **Behaviour:**
 - Automatically fetches and table displays all acceptable job work entries related to the selected Production Department.
 - A checkbox is available for each row, enabling selection of multiple entries.

○ Repair:

- **Trigger:** When "Repair" is selected.
- **Behaviour:**
 - The table displays a list of items that require repair and are acceptable for processing, fetched from the selected *Production Department*.

○ Sample:

- **Trigger:** When "Sample" is selected
- **Behaviour:**
 - The table loads all acceptable sample items tied to the selected *Production Department*.

○ Tags:

- **Trigger:** When "Tags" is selected.
- **Behaviour:**
 - The system retrieves and displays items awaiting tagging, which are now acceptable from the *Production Department*.

○ Check Box:

- **Trigger:** When "Checkbox" is selected
- **Behaviour**
 - Users can select multiple items using the checkboxes.
 - Only selected rows are processed during submission.
 - Table is read-only except for checkbox interaction.

○ Submit Button:

- **Trigger:** Clicking the Submit button.
- **Validations:**
 - Ensure at least one row is selected.
 - Ensure Karighar name is chosen.
 - Transaction type must be specified.
- **Action:**
 - Records are updated with the appropriate Transaction Type.

○ Clear Button:





- Resets all selected dropdowns and table data.
 - Unchecks any selected items and returns the form to default.
 - Used to start a fresh transfer entry.
- **Previous Button:** Button to navigate back to the previous step or screen in the configuration workflow.
- **Action:** Redirects the user to the prior screen without saving the current input.
 - **Validation:** No validation is triggered; unsaved data is not retained.
 - **Mandatory:** No

11 Material Issue

11.1 Purpose

The Material Issue Form is used by employees to issue materials (Metal, Stone, Wax) for production purposes. It supports multiple material types, sources, and complex workflows including job-wise and tag-based issues. Access to lockers and material visibility is based on the logged-in employee and applied filters.

11.2 User Type

Registered Users, Admins.

11.3 Screen Layout

RC No	Worker Type	Worker	Material Type	Group Category	Pcs	Weight	
01	Inhouse	Poltu	Metal	Gold	10	20.250	
02	Inhouse	Worker 1	Metal	Gold	10	20.250	
03	Inhouse	Filling	Biswajith	Metal	Gold	10	20.250
04	Inhouse	Polish	Manoj	Metal	Gold	10	20.250
05	Inhouse	Fitting	Laltu	Stone	--	10	20.250

11.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"





- **Function:** Opens the **Material Issue Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each material issue record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Material Issue Form**
 - Allows entry of new material issue data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:

Are you sure you want to cancel the selected record(s)?

 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action





- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Issued", "Canceled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status color).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

11.5 Screen Layout

	Group Category	Metal Type	Category	Sub Category	Purity	Gross Weight	Stone Weight	Net Weight	Pure Weight
<input checked="" type="checkbox"/>	Gold	Metal	--	--	91.8 %	358.250	0.000	358.250	328.873
<input type="checkbox"/>	Gold	Casting	Laxmi	Small	91.8 %	129.350	19.250	110.100	101.072
<input type="checkbox"/>	Gold	Thappa	Laxmi	Big	91.8 %	80.009	0.000	80.009	73.448
<input type="checkbox"/>	Gold	Chain	--	--	75.5 %	76.895	0.000	76.895	58.055
<input type="checkbox"/>	Gold	Metal	--	--	100 %	35.100	0.000	35.100	35.100
<input type="checkbox"/>	Gold	Casting	Peacock	Big	91.8 %	53.010	0.000	53.010	48.663

11.6 UI Elements





Access Control:

- **Employee Login-Based Locker Access**
 - Display: **Access Locker: "Locker Name"** (e.g., Ghat Locker)
-

Filter Section Fields:

Worker Type

- Type: Dropdown
- Options: Inhouse, Outsource
- Mandatory: Yes

Department

- Type: Dropdown
- Options: Import from Production Department Master
- Mandatory: Yes

Subdepartment

- Type: Dropdown
- Options: Import from Sub-Department Master (Filtered by Department)
- Visibility: Conditional (only if selected department has sub-department)
- Mandatory: Yes

Worker

- Type: Dropdown
- Options: Import from Worker Master (Filtered by Department and Sub-Department)
- Mandatory: Yes

Material Type

- Type: Dropdown
- Options: Metal, Stone, WAX

Metal Source

- Type: Dropdown
 - Options will show based on Material Type selection:
 - If Metal is selected: Stock, Job Work, Metal Tree
 - If Stone is selected: Stock, Job Work
 - If WAX is selected: Stock, Job Work, Wax Tree
 - Description: Displays pre-ready metal
-

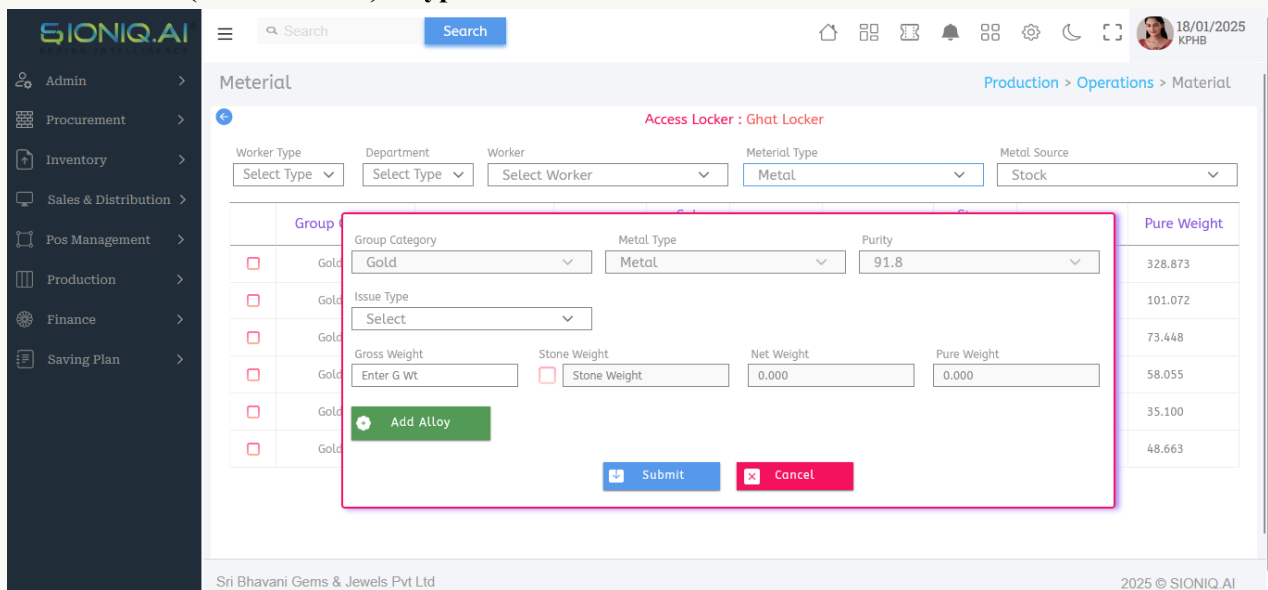


○ **Material List Table**

- Displays material from the selected locker, filtered by Material Type and Metal Source
- Rows selectable via checkbox
- On checkbox click: Popup form appears with UI based on context

○ **Popup Form: UI Elements by Case**

Case 1: Metal (Source: Stock) - Type: Metal



- Fields (all disabled unless specified):
 - Group Category
 - Metal Type
 - Purity
- **Issue Type**
 - **Type: Dropdown**
 - **Options:** Bulk, Job Wise, Advance Metal, Wax Tree
 - **Functionality:**
 - **Bulk:** Display Selected Worker Pending Order Weight and that order against Issued Weight
 - **Job Wise:** Show Job Work Number dropdown (filtered by selected Worker's pending job numbers). On job number selection, display corresponding Order Weight and the Issued Weight against that Order.
 - **Advance Metal:** Show Selected Worker balance
 - **Wax Tree:** Show Wax Tree Issue Number dropdown. Dropdown Options: list of Wax Tree Issues filtered by selected Worker. Upon selection, display details including issued Wax data, Wax Tree information, and W2M (Wax to Metal) conversion specifics



related to that issue RC. Compute required metal using the corresponding conversion table.

- **Gross Weight:**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
- **Stone Weight:**
 - **Type:** Check Box & Text Input
 - **Editable:** No
 - **Visibility:**
 - Checkbox remains disabled if the selected metal row does not include any stone weight
 - If stone weight is present, enable the checkbox.
 - When enabled and selected, this opens the corresponding stone table for editing.
 - **Functionality:**
 - Checkbox Opens stone table if selected.
- **Stone Table:**
 - The stone table is displayed when the Stone Weight checkbox is selected and enabled.
 - Table contains the following columns:
 - Stone Checkbox
 - Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamically Created Sub Categories
 - Stone PCS
 - Weight in Carats
 - Weight in Grams
 - When a checkbox in the stone table is selected, the PCS and Weight fields in that row become editable.
 - Two buttons are shown below the table:
 - **Submit:** Saves the changes made to PCS and Weight for all selected rows. The sum of "Weight in Grams" from selected rows is calculated and displayed in the Stone Weight input field in the main form.
 - **Cancel:** Closes the stone table popup without saving any modifications.
 - If no checkbox is selected, editing is disabled for all rows, and the Submit button should be inactive.
 - This interaction supports dynamic stone data entry based on metal material context
- **Net Weight:**





- **Type:** Text Input
- **Editable:** No
- **Validation:** Auto-calculated
- **Functionality:** Gross Weight – Stone Weight
- **Pure Weight:** Auto-calculated (Net * Purity%)
 - **Type:** Text Input
 - **Editable:** No
 - **Validation:** Auto-calculated
 - **Functionality:** Net Weight * Purity %

Alloy Section

- **Add Alloy**
 - **Type:** Button
 - **Functionality:** On click display fields
 - **Convert Purity**
 - **Type:** Dropdown
 - **Options:** Import form purity master, Filter with “values” < “selected purity”
 - **Alloy Weight**
 - **Type:** Text Input
 - **Editable:** No
 - **Validation:** Auto-calculated
 - **Functionality:** ((Net Weight * selected purity %) / Convert Purity %) – Net Weight.
 - **Alloy Type:**
 - **Type:** Dropdown
 - **Options:** Import from Alloy Type Master
- **Submit:** When pressed, display two tables in the main form:
 - **Added Metal Information Table** – shows the Group Category, Metal Type, Gross Weight, Stone Weight, Net Weight, Purity, Pure Weight and Alloy details that were added.
 - **Balance Metal Information Table** – shows remaining Metal not yet added. Allows the user to continue adding more metal for the worker issuing if needed. A Submit button is shown below these tables to verify and finalize submission.
- **Cancel:** Closes the popup without saving any changes or displaying the stone tables
- **Submit:** Final Submission
 - **Type:** Button
 - **Functionality:** On click, this button saves the data, issues the entered value to the selected worker, and deducts that value from the access locker.
- **Clear**





- **Type:** Button
- **Functionality:** On click, this button clears all data in the added table and refreshes the form.

Case 2: Metal (Source: Stock) - Type: Dynamic Created Metal Type (ex: Casting)

- All Case 1 fields +
 - Department Category (Visible if available)
 - Department Subcategory (Visible if available)

Case 3: Metal (Source: Job Work)

Job Work	Group Category	Metal Type	Category	Sub Category	Purity	Gross Weight	Stone Weight	Net Weight	Pure Weight
J-110	Gold	Casting	Laxmi	Small	91.8 %	129.350	19.250	110.100	101.072
J-110	Gold	Thappa	Laxmi	Big	91.8 %	80.009	0.000	80.009	73.448
J-98	Gold	Chain	--	--	75.5 %	76.895	0.000	76.895	58.055
J-95	Gold	Casting	Peacock	Small	100 %	35.100	0.000	35.100	35.100
J-95	Gold	Casting	Elephant	Big	91.8 %	53.010	0.000	53.010	48.663

- Table loads Job Work receipt metal
- **Actions:** Checkbox selection, Submit, Clear





Case 4: Metal (Source: Metal Tree)

Material Production > Operations > Material

Access Locker : Ghat Locker

Worker Type: Select Type | Department: Select Type | Worker: Select Worker | Material Type: Metal | Metal Source: Metal Tree

<input type="checkbox"/>	Tree ID	Group Category	Purity	No of Job	No of Pcs	Gross Weight	Stone Weight	Net Weight	Pure Weight
<input type="checkbox"/>	MT-01	Gold	91.8 %	15	31	129.350	19.250	110.100	101.072
<input type="checkbox"/>	MT-02	Gold	91.8 %	7	38	80.009	0.000	80.009	73.448
<input type="checkbox"/>	MT-03	Gold	75.5 %	3	27	76.895	0.000	76.895	58.055
<input type="checkbox"/>	MT-04	Gold	100 %	13	22	35.100	0.000	35.100	35.100
<input type="checkbox"/>	MT-05	Gold	91.8 %	8	35	53.010	0.000	53.010	48.663

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- Table loads Metal Tree receipt metal
- **Actions:** Checkbox selection, Submit, Clear

Case 5: Stone (Source: Stock)

Material Production > Operations > Material

Access Locker : Ghat Locker

Worker Type: Select Type | Department: Select Type | Worker: Select Worker | Material Type: Stone | Metal Source: Stock

<input type="checkbox"/>	Stone Group Category	Stone Category	Stone Sub Category	Stone Shape	Size	Stone Pcs	Stone Weight In Carats	Stone Weight In Grams
<input checked="" type="checkbox"/>	Diamond					700	4.69	0.938
<input type="checkbox"/>	Diamond					120	1.20	0.240
<input type="checkbox"/>	Diamond					65	4.55	0.910
<input type="checkbox"/>	Diamond					20	2.20	0.440
<input type="checkbox"/>	Diamond	Diamond	Solitaire	Round	2.75	80	6.40	1.280
<input type="checkbox"/>	Color Stones	Ruby	Real	Round	--	1430	107.25	21.450
<input type="checkbox"/>	Pearls	Pearls	Gutta	--	--	7350	2058	411.600

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- Popup Fields:
 - **Issue Type Dropdown:** Job Wise, Tag Number Wise, Repair, Advance Stone
 - **Job Wise:** Show Job Work Number dropdown (filtered by Worker)





- **Tag Number Wise:** Show Tag Number dropdown (from Issue Table, filtered by Worker)
 - **Repair:** Show Repair Number dropdown (filtered by Worker)
 - **Stone Pcs:** Input (\leq available)
 - **Stone Weight (Carats):** Input
 - If entered, auto-calculate grams = Carats / 5
 - **Stone Weight (Grams):** Input
 - If entered, auto-calculate carats = Grams * 5
 - **Two buttons are shown below**
 - **Submit:** When pressed, display two tables in the main form:
 - **Added Stone Information Table** – shows the PCS, Weight, and full stone details (Group Category, Stone Category, Stone Sub Category, Sub Category, etc.) that were added.
 - Balance Stone Information Table – shows remaining stones not yet added. Allows the user to continue adding more stones for the worker issuing if needed.
 - A Submit button is shown below these tables to verify and finalize submission.
 - **Cancel:** Closes the stone table popup without saving any modifications.
- **Submit**
 - **Type:** Button
 - **Functionality:** On click, this button saves the data, issues the entered value to the selected worker, and deducts that value from the access locker.
 - **Clear**
 - **Type:** Button
 - **Functionality:** On click, this button clears all data in the table and refreshes the form.





Case 6: Stone (Source: Job Work)

Job Works	Stone Group Category	Stone Category	Stone Sub Category	Stone Shape	Size	Stone Pcs	Stone Weight In Carats	Stone Weight In Grams
J-101	Diamond	Diamond	Natural	Round	1.1	700	4.69	0.938
J-098	Diamond	Diamond	Natural	Round	1.25	120	1.20	0.240
J-065	Diamond	Diamond	Natural	Marquise	3.5 * 2	65	4.55	0.910
J-101	Diamond	Diamond	Natural	Marquise	3.6 * 2.7	20	2.20	0.440
J-120	Diamond	Diamond	Solitaire	Round	2.75	80	6.40	1.280
J-065	Color Stones	Ruby	Real	Round	--	1430	107.25	21.450

- Table loads Job Work received stones
- **Actions:** Checkbox selection, Submit, Clear

Case 7: Wax (Source: Stock)

Metal Type	Category	Sub Category	Pcs	Gross Weight	Stone Weight	Net Weight
Wax	Ball	8MM	15	13.850	0.000	13.850
WAX	Ball	8 MM				6.300
						100.050
						52.500
						9.850
						12.300

- Fields:
 - Metal Type (Disabled)
 - Department Category/Subcategory (Visible if available)
 - Issue Type: Bulk, Job Wise
 - Job Wise: Show Job Work Number dropdown (filtered by Worker)
 - Pcs: Text Input
 - Gross Weight: Text Input
 - Stone Weight:





- Checkbox + Disabled input
- Opens stone table if selected
- Stone Table: Editable pcs and weight on selection
- Net Weight: Auto-calculated (Gross - Stone)
- **Buttons:** Submit, Cancel

Case 8: Wax (Source: Job Work)

<input type="checkbox"/>	Job Work	Metal Type	Category	Sub Category	Pcs	Gross Weight	Stone Weight	Net Weight
<input type="checkbox"/>	Job-128	Wax	Ball	8MM	5	3.850	0.000	3.850
<input type="checkbox"/>	Job-128	Wax	Laxmi	Small	8	6.200	2.500	3.700
<input type="checkbox"/>	Job-128	Wax	Laxmi	Big	3	10.100	4.050	6.050
<input type="checkbox"/>	Job-130	Wax	Lion	Big	1	5.400	1.500	3.900
<input type="checkbox"/>	Job-114	Wax	Peacock	Small 2 Side	12	5.850	0.000	5.85
<input type="checkbox"/>	Job-130	Wax	Peacock	Big	2	6.300	0.000	6.300

- Table loads Job Work Wax
- **Actions:** Checkbox selection, Submit, Clear

Case 9: Wax (Source: Wax Tree)

<input type="checkbox"/>	Tree ID	No Of Job	Wax Pcs	Total Wax Weight	Stone Weight	Net Weight	Tree Weight	Tree Net Weight
<input type="checkbox"/>	T-1	12	36	25.060	3.050	22.010	32.010	
<input type="checkbox"/>	T-2	4	54	32.150	3.100	29.050	39.050	
<input type="checkbox"/>	T-3	25	39	28.090	2.050	26.040	36.040	
<input type="checkbox"/>	T-4	6	34	24.680	4.380	20.300	30.300	

No of Tree's:
 Total Tree Weight:
 W2M Convert:
 Metal Required: **199.000 x 17.800 = 199.000**

- Table loads Wax Tree Wax
- **Actions:** Checkbox selection, Submit, Clear





Notes:

- All auto-calculated fields (Net Weight, Pure Weight, Alloy Weight) must be protected from manual editing.
- Validation checks must ensure entry limits don't exceed selected stock values.
- Stone handling requires dynamic loading and editing of stone weights and pieces.
- All dropdowns sourcing from masters or tables should have real-time filters.

12 Material Receipt

12.1 Purpose

The Material Receipt Form is used to record and manage the receipt of materials (Metal, Stone, Wax) returned by workers or received from external sources after job completion. This form ensures accurate tracking of returned quantities, leftover materials, and any discrepancies. It supports multiple material types, receipt modes, and validation checks based on issued material and job records.

12.2 User Type

Registered Users, Admins.

12.3 Screen Layout

12.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Material Receipt Form** in a modal or new section





- **Action Button**

- **Icon:** "..." (Three dots menu)
- **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**

- Allows multi-selection of records for actions (Print, Cancel, Export)

- **RC Number**

- Unique reference code for each material receipt record

Button Functionalities

+ Add Button

- **Action:**

- Opens the **Material Receipt Form**
- Allows entry of new material receipt data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**

- If checkboxes are selected, generate a print format for selected records
- If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**

- If one or more records are selected, show a confirmation popup:

Are you sure you want to cancel the selected record(s)?

- **Yes:**

- Cancel selected records
- **Permission Check:** Only users with the appropriate role/permission can cancel

- **No:**

- Close popup, do not take action

- **If no record is selected:**





- Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

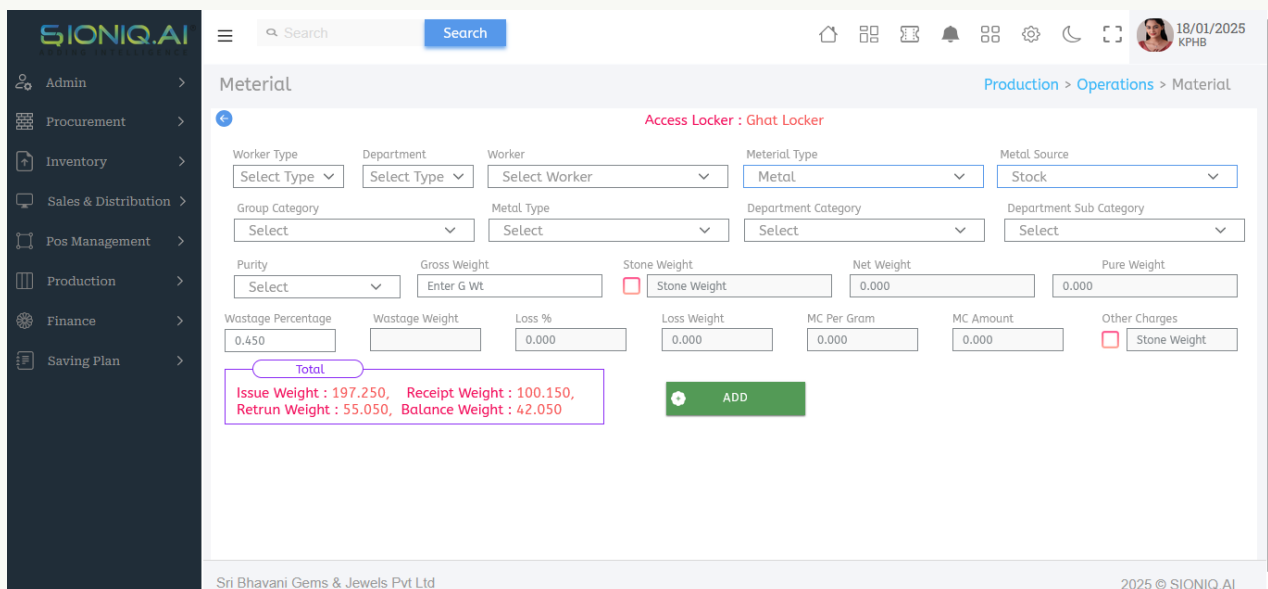
Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Issued", "Canceled", etc.
- Canceled records should be marked visually (e.g., strikethrough or status color).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

12.5 Screen Layout



12.6 UI Elements

Access Control:





- **Employee Login-Based Locker Access**
 - Display: **Access Locker: "Locker Name"** (e.g., Ghat Locker)
-

Filter Section Fields:

Worker Type

- Type: Dropdown
- Options: Inhouse, Outsource
- Mandatory: Yes

Department

- Type: Dropdown
- Options: Import from Production Department Master
- Mandatory: Yes

Subdepartment

- Type: Dropdown
- Options: Import from Sub-Department Master (Filtered by Department)
- Visibility: Conditional (only if selected department has sub-department)
- Mandatory: Yes

Worker

- Type: Dropdown
- Options: Import from Worker Master (Filtered by Department and Sub-Department)
- Mandatory: Yes

Material Type

- Type: Dropdown
- Options: Metal, Stone, WAX

Metal Source

- Type: Dropdown
- Options will show based on Material Type selection:
 - If Metal is selected: Stock, Job Work, Metal Tree
 - If Stone is selected: Stock, Job Work
 - If WAX is selected: Stock, Job Work, Wax Tree
- Description: Determines how the material was received by the production unit. For example, if the metal was issued from stock and a casting tree was prepared in the production unit for a particular job, then the return would be Job Work against that job. In another case, if metal was issued from





stock and a casting tree was prepared that includes bulk job or stock parts, it would be categorized under stock-based tree returns. The source type helps define whether the return is job-specific or generic stock return.

Case 1: Material Type = Metal, Metal Source = Stock

UI Elements:

Group Category

- Type: Dropdown
- Options: Import from Group Category Master Table
- Mandatory: Yes

Metal Type

- Type: Dropdown
- Options: Metal and (Import from Metal & stone Setting Master Table, Filter category=Metal)
- Mandatory: Yes

Department Category

- Type: Dropdown
- Options: Import from Department Category Table (Filtered by selected Department)
- Visibility: Conditional (based on selected department configuration selected "Is have Different Category's")
- Mandatory: No

Department Sub Category

- Type: Dropdown
- Options: Import from Department Sub Category Table (Filtered by selected Category)
- Visibility: Conditional (based on category settings)
- Mandatory: No

Purity

- Type: Dropdown
- Options: Import from Purity Master Table
- Mandatory: Yes

Gross Weight

- Type: Text Input
- Validation: Numeric values only
- Mandatory: Yes

Stone Weight

- Type: Checkbox & Text Input
- Text Input: Editable = No
- Checkbox: Editable = Yes
- Functionality:





- Checkbox opens Issued Stone Table if selected
- Text input is auto-calculated based on total weight in the stone table

Stone Table (Displays on checkbox selection)

- Columns:
 - Stone Checkbox
 - Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamic Sub Categories
 - Stone PCS
 - Weight in Carats
 - Weight in Grams
 - Stone Setting Type (Dropdown, from Metal and Stone Setting Type Master, filter: category = Stone Setting)
 - Wastage (Auto-filled from Wastage Master based on Worker + Stone Setting Type)
 - Wastage Weight (Auto-calculated)
- Interactions:
 - Checkbox enables PCS, Weight, Stone Setting Type, Wastage fields (if editable from master)
 - Submit: Saves data from selected rows and updates Stone Weight in main form
 - Cancel: Closes popup without saving
 - No rows selected = submit disabled, fields read-only

Net Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = Gross Weight - Stone Weight
- Mandatory: Yes

Pure Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = Net Weight * Purity%
- Mandatory: Yes

Wastage Percentage

- Type: Text Input
- Validation: Numeric values only
- Editable: Based on Wastage Master
- Functionality: Values from Wastage Master (filtered by Metal Type or Group Category)





- Mandatory: Based on Master

Wastage Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated based on master
- Mandatory: Based on Master

Loss Percentage

- Type: Text Input
- Validation: Numeric values only
- Editable: Based on Wastage Master
- Functionality: Values from Wastage Master (filtered by Metal Type or Group Category)
- Mandatory: Based on Master

Loss Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated based on master
- Mandatory: Based on Master

Making Charge Per Gram

- Type: Text Input
- Validation: Numeric values only
- Editable: Based on Wastage Master
- Functionality: Values from Wastage Master (filtered by Metal Type or Group Category)
- Mandatory: Based on Master

Making Amount

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated based on master
- Mandatory: Based on Master

Worker Text Area

- Displays: Issue Weight, Receipt Weight, Return Weight, Balance Weight for selected worker

Buttons:

Add

- Type: Button
- Functionality: Adds the entered data into a table below the form
- Shows: Submit and Clear buttons





Submit

- Type: Button
- Functionality: Saves the added data and updates the worker balance, adds weight to the locker

Clear

- Type: Button
 - Functionality: Clears all data from the added table
-

Case 2: Material Type = Metal, Metal Source = Job Work

Additional UI Elements:

Job Work

- Type: Dropdown
- Options: Import from Issue Table, Filtered by Worker

All Case 1 UI Elements

Case 3: Material Type = Metal, Metal Source = Metal Tree

Additional UI Elements:

Tree ID

- Type: Dropdown
- Options: Import from Issue Table, Filtered by Worker

Job Work

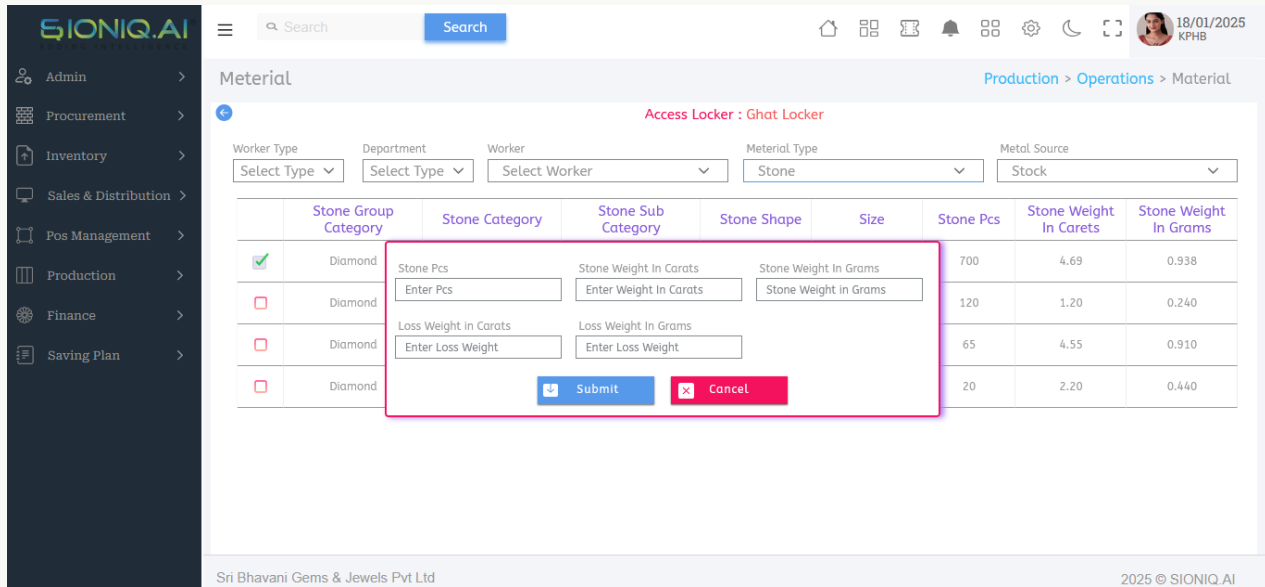
- Type: Text Area
- Functionality: Based on selected Tree ID, displays all included Job Numbers automatically

All Case 1 UI Elements





Case 4: Material Type = Stone, Metal Source = Stock



○ Stone List Table

- Displays stones from the stone receipt pending table, filtered by worker
- Rows selectable via checkbox
- On checkbox click: Popup form appears with UI based on context
- Popup Fields:
 - **Stone Pcs:** Input (<= available)
 - **Stone Weight (Carats):** Input
 - If entered, auto-calculate grams = Carats / 5
 - **Stone Weight (Grams):** Input
 - If entered, auto-calculate carats = Grams * 5
 - **Loss Weight (Carats):** Input
 - If entered, auto-calculate grams = Carats / 5
 - **Loss Weight (Grams):** Input
 - If entered, auto-calculate carats = Grams * 5
- **Two buttons are shown below**
 - **Submit:** When pressed, display two tables in the main form:
 - **Added Stone Information Table** – shows the PCS, Weight, and full stone details (Group Category, Stone Category, Stone Sub Category, Sub Category, etc.) that were added.
 - Balance Stone Information Table – shows remaining stones not yet added. Allows the user to continue adding more stones for the worker receipt if needed.
 - A Submit button is shown below these tables to verify and finalize submission.
 - **Cancel:** Closes the stone table popup without saving any modifications.





- **Submit**
 - **Type:** Button
 - **Functionality:** On click, this button saves the data, receipt the entered value to the selected worker, and deducts that value from the stone pending for receipt table.
- **Clear**
 - **Type:** Button
 - **Functionality:** On click, this button clears all data in the table and refreshes the form.

Case 5: Material Type = Stone, Metal Source = Job Work
All Case 4 UI Elements

Additional UI Elements in Popup:

Job Work

- Type: Dropdown
- Options: Import from Issue Table, Filtered by Worker

Case 6: Material Type = WAX, Metal Source = Stock

The screenshot shows the 'Material' form in the SIONIQ.AI application. The interface includes a sidebar with navigation options like Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main form area has a search bar and a navigation breadcrumb 'Production > Operations > Material'. The form fields are: Worker Type (dropdown), Department (dropdown), Worker (dropdown), Material Type (dropdown, selected 'WAX'), Metal Source (dropdown, selected 'Stock'), Metal Type (dropdown, selected 'WAX'), Department Category (dropdown), and Department Sub Category (dropdown). Below these are input fields for Gross Weight (placeholder 'Enter G Wt'), Stone Weight (checkbox), and Net Weight (value '0.000'). A green 'ADD' button is located to the right of the Net Weight field. The footer of the application shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

UI Elements:

Metal Type

- Type: Dropdown
- Options: WAX (Default Value)
- Mandatory: Yes
- Editable: No

Department Category

- Type: Dropdown





- Options: Import from Department Category Table (Filtered by selected Department)
- Visibility: Conditional (based on selected department configuration selected "Is have Different Category's)
- Mandatory: No

Department Sub Category

- Type: Dropdown
- Options: Import from Department Sub Category Table (Filtered by selected Category)
- Visibility: Conditional (based on category settings)
- Mandatory: No

Gross Weight

- Type: Text Input
- Validation: Numeric values only
- Mandatory: Yes

Stone Weight

- Type: Checkbox & Text Input
- Text Input: Editable = No
- Checkbox: Editable = Yes
- Functionality:
 - Checkbox opens Issued Stone Table if selected
 - Text input is auto-calculated based on total weight in the stone table

Stone Table (Displays on checkbox selection)

- Columns:
 - Stone Checkbox
 - Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamic Sub Categories
 - Stone PCS
 - Weight in Carats
 - Weight in Grams
 - Stone Setting Type (Dropdown, from Metal and Stone Setting Type Master, filter: category = Stone Setting)
 - Wastage (Auto-filled from Wastage Master based on Worker + Stone Setting Type)
 - Wastage Weight (Auto-calculated)
- Interactions:
 - Checkbox enables PCS, Weight, Stone Setting Type, Wastage fields (if editable from master)
 - Submit: Saves data from selected rows and updates Stone Weight in main form
 - Cancel: Closes popup without saving
 - No rows selected = submit disabled, fields read-only

Net Weight

- Type: Text Input
- Validation: Numeric values only





- Editable: No
- Functionality: Auto-calculated = Gross Weight - Stone Weight
- Mandatory: Yes

Buttons:

Add

- Type: Button
- Functionality: Adds the entered data into a table below the form
- Shows: Submit and Clear buttons

Submit

- Type: Button
- Functionality: Saves the added data and updates the worker balance, adds weight to the locker

Clear

- Type: Button
- Functionality: Clears all data from the added table

Case 7: Material Type = WAX, Metal Source = Job Work

The screenshot shows the 'Material' form in the SIONIQ.AI application. The form is titled 'Material' and has a breadcrumb trail 'Production > Operations > Material'. A red notification 'Access Locker : Ghat Locker' is displayed. The form contains several dropdown menus: 'Worker Type' (Select Type), 'Department' (Select Type), 'Worker' (Select Worker), 'Material Type' (WAX), and 'Metal Source' (Job Work). Below these are 'Metal Type' (WAX), 'Department Category' (Select), 'Department Sub Category' (Select), and 'Job Work' (Select Job Number). At the bottom, there are input fields for 'Gross Weight' (Enter G Wt), 'Stone Weight' (with a red square icon), and 'Net Weight' (0.000). A green 'ADD' button is positioned to the right of the Net Weight field. The footer of the page shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

All Case 6 UI Elements

Additional UI Elements:

Job Work

- Type: Dropdown
- Options: Import from Issue Table, Filtered by Worker





Case 8: Material Type = WAX, Metal Source = Wax Tree

Material

Production > Operations > Material

Access Locker : Ghat Locker

Worker Type: Select Type | Department: Select Type | Worker: Select Worker | Material Type: WAX | Metal Source: Wax Tree

<input type="checkbox"/>	Edit	Job Work	Metal Type	Category	Sub Category	Pcs	Gross Weight	Stone Weight	Net Weight
<input type="checkbox"/>		Job-128	Wax	Ball	8MM	5	3.850	0.000	3.850
<input type="checkbox"/>		--	Wax	Laxmi	Small	8	6.200	2.500	3.700
<input type="checkbox"/>		Job-128	Wax	Laxmi	Big	3	10.100	4.050	6.050
<input type="checkbox"/>		Job-130	Wax	Lion	Big	1	5.400	1.500	3.900

Summary Fields:

No of Job: 3 | Total Wax Pcs: 5 | Total Gross Weight: 25.550 | Stone Weight: 8.050 | Net Weight: 17.500 | Tree Weight:

Buttons: Submit, Clear

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Wax List Table

- Displays waxes from the wax receipt pending table, filtered by worker
- Rows selectable via checkbox
- On checkbox click add details in table blow fields

UI Elements

No of Job

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = count selected checkbox has Job work
- Mandatory: Yes

Total Wax Pcs

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = sum of selected checkbox pcs
- Mandatory: Yes

Total Gross Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = sum of selected checkbox gross weight
- Mandatory: Yes





Stone Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = sum of selected checkbox stone weight
- Mandatory: Yes

Net Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = sum of selected checkbox net weight
- Mandatory: Yes

Tree Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: Yes
- Mandatory: Yes

Submit

- Type: Button
- Functionality: Saves the added data and updates the worker balance, adds weight to the locker

Clear

- Type: Button
- Functionality: Clears all data from the table

13 Material Clearance

13.1 Purpose

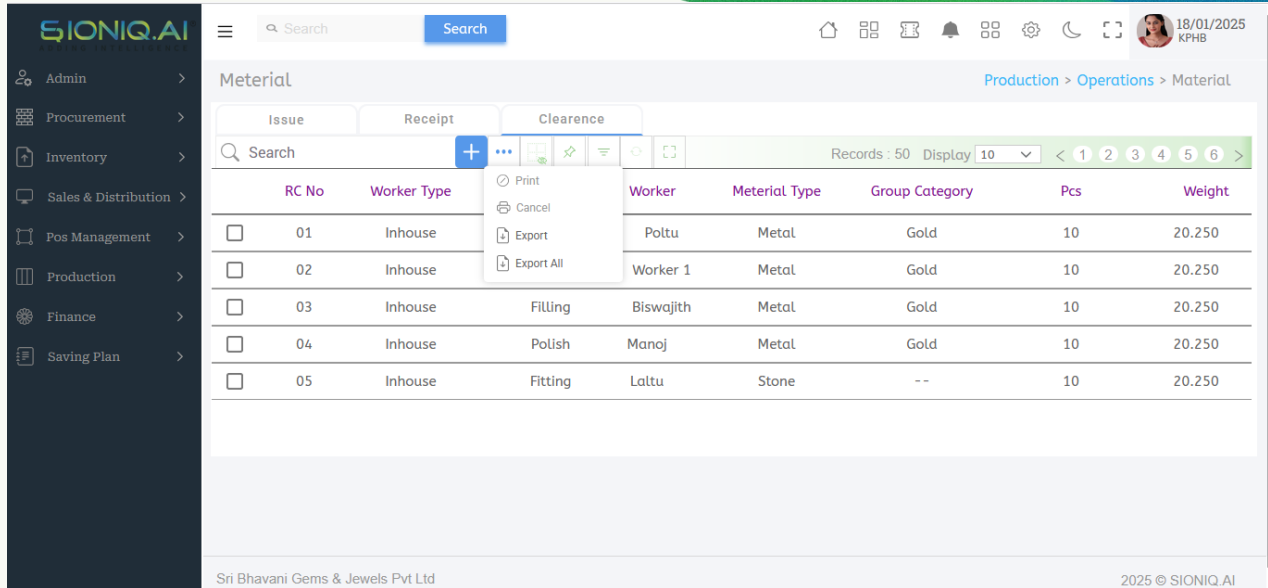
The **Material Clearance Form** is used to issue raw materials (Metal or Stone) from designated lockers to workers or departments for production activities. It supports clearance based on different job contexts such as bulk issuance, job-wise issuance, advance allocations, tag-based, or repair-related requirements. The form ensures material accountability, tracks issued weights and pieces, and integrates with job and worker records for accurate traceability.

13.2 User Type

Registered Users, Admins.

13.3 Screen Layout





13.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Material Clearance Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each material clearance record

Button Functionalities

+ Add Button

- **Action:**





- Opens the **Material Clearance Form**
- Allows entry of new material clearance data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Issued", "Canceled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status color).





- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

13.5 Screen Layout

13.6 UI Elements

Access Control:

- **Employee Login-Based Locker Access**
- Display: **Access Locker: "Locker Name"** (e.g., Ghat Locker)
- Only authorized employees can access the clearance form based on their locker permissions.

Filter Section Fields:

○ Worker Type

- Type: Dropdown
- Options: Inhouse, Outsource
- Mandatory: Yes

○ Department

- Type: Dropdown
- Options: Import from Production Department Master
- Mandatory: Yes

○ Subdepartment

- Type: Dropdown
- Options: Import from Sub-Department Master (Filtered by Department)





- Visibility: Conditional (only if selected department has sub-department)
- Mandatory: Yes

○ **Worker**

- Type: Dropdown
- Options: Import from Worker Master (Filtered by Department and Sub-Department)
- Mandatory: Yes

○ **Material Type**

- Type: Dropdown
- Options: Metal, Stone

Dynamic UI Based on Material Type

Case 1: Material Type = Metal

UI Elements:

Group Category

- Type: Dropdown
- Options: Import from Group Category Master Table
- Mandatory: Yes

Metal Type

- Type: Dropdown
- Options: Metal and (Import from Metal & stone Setting Master Table, Filter category=Metal)
- Mandatory: Yes

Purity

- Type: Dropdown
- Options: Import from Purity Master Table
- Mandatory: Yes

Gross Weight

- Type: Text Input
- Validation: Numeric values only
- Mandatory: Yes

Stone Weight

- Type: Checkbox & Text Input
- Text Input: Editable = No
- Checkbox: Editable = Yes
- Functionality:
 - Checkbox opens pending stone Table if selected, filter by selected worker
 - Text input is auto-calculated based on total weight in the stone table

Stone Table (Displays on checkbox selection)





- Columns:
 - Stone Checkbox
 - Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamic Sub Categories
 - Stone PCS
 - Weight in Carats
 - Weight in Grams
- Interactions:
 - Checkbox enables PCS, Weight
 - Submit: Saves data from selected rows and updates Stone Weight in main form
 - Cancel: Closes popup without saving
 - No rows selected = submit disabled, fields read-only

Net Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = Gross Weight - Stone Weight
- Mandatory: Yes

Pure Weight

- Type: Text Input
- Validation: Numeric values only
- Editable: No
- Functionality: Auto-calculated = Net Weight * Purity%
- Mandatory: Yes

Submit

- Type: Button
- Functionality: Saves the added data and updates the worker balance, adds weight to the Clearance locker

Clear

- Type: Button
 - Functionality: Resets the form inputs.
-





Case 2: Material Type = Stone

Material Production > Operations > Material

Access Locker : Ghat Locker

Worker Type Select Type	Department Casting	Sub Department Select Type	Worker Select Worker	Material Type Stone
Stone Group Category Select	Stone Category Select	Sub Category Select	Clearance Type Job Wise	
Job Work Number Select	Stone Pcs	Stone Weight In Carats	Stone Weight Grams 0.000	
Loss Weight In Carats	Loss Weight Grams 0.000	Damaged Weight In	Damaged Weight Grams 0.000	

Submit
Clear

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UI Elements:

- **Stone Group Category**
 - Type: Dropdown
 - Options: Import from Stone Group Category Master
 - Mandatory: Yes
- **Stone Category**
 - Type: Dropdown
 - Options: Import from Stone Category Master
 - Mandatory: Yes
- **Stone Sub Category**
 - Type: Dropdown
 - Options: Import from Sub Category Master (filtered by selected Category)
 - Mandatory: Yes
- **Stone Dynamic Sub Category**
 - Type: Auto-generated based on selected category hierarchy
 - Mandatory: No
- **Clearance Type**
 - Type: Dropdown
 - Options: Jobwise, Tag Number Wise, Repair, Advance Stone
 - Mandatory: Yes
- **Job Number**
 - Type: Dropdown
 - Options: Import from Job Work Table (filtered by Worker)
 - **Visibility:** Only if Clearance Type = Jobwise
- **Tag Number**





- Type: Dropdown
 - Options: Import from Tag Table
 - **Visibility:** Only if Clearance Type = Tag Number Wise
- **Repair Number**
 - Type: Dropdown
 - Options: Import from Repair Issue Table
 - **Visibility:** Only if Clearance Type = Repair
- **Stone Pcs**
 - Type: Numeric Input
 - Validation: Only numeric values
 - Mandatory: Yes
- **Stone Weight in Carats**
 - Type: Text Input
 - Validation: Only numeric values
 - Mandatory: Yes
 - Functionality: Stone Weight Grams * 5
- **Stone Weight in Grams**
 - Type: Text Input
 - Validation: Only numeric values
 - Functionality: Stone Weight carats / 5
- **Loss Weight in Carats**
 - Type: Text Input
 - Validation: Only numeric values
 - Mandatory: Yes
 - Functionality: Loss Weight Grams * 5
- **Loss Weight in Grams**
 - Type: Text Input
 - Validation: Only numeric values
 - Functionality: Loss Weight carats / 5
- **Damaged Weight in Carats**
 - Type: Text Input
 - Validation: Only numeric values
 - Mandatory: Yes
 - Functionality: Damaged Weight Grams * 5
- **Damaged Weight in Grams**
 - Type: Text Input
 - Validation: Only numeric values
 - Functionality: Damaged Weight carats / 5
- **Total Weight in Carats**





- Type: Auto-converted input
- Validation: Only numeric values
- Editable: No
- Mandatory: Yes
- Functionality: Stone Weight Carats + Loss Weight Carats + Damage Weight Carats
- **Total Weight in Grams**
 - Type: Auto-converted input
 - Editable: No
 - Validation: Only numeric values
 - Functionality: Stone Weight Grams + Loss Weight Grams + Damage Weight Grams
- **Buttons**
 - **Submit:** Saves the clearance record and updates worker balance and add weight to clearance locker balances.
 - **Clear:** Resets the form inputs.

14 Locker Transfer

14.1 Purpose

The **Locker Transfer Form** facilitates material transfer (Metal, Stone, Alloy, Wax) between lockers with access-based controls and real-time validations. It ensures data integrity and provides a user-friendly interface for handling complex transfer operations.

14.2 User Type

Registered Users, Admins.

14.3 Screen Layout





	From Locker	To Locker	Group Category	Metal Type	Purity	Gross Weight	Stone Weight	Net Weight	Pure Weight	Status
<input type="checkbox"/>	Ghat Locker	Casting Locker	Gold	Metal	91.8 %	358.250	0.000	358.250	328.873	Accepted
<input type="checkbox"/>	Ghat Locker	Casting Locker	Gold	Casting	91.8 %	129.350	19.250	110.100	101.072	Accepted
<input type="checkbox"/>	Ghat Locker	Casting Locker	Gold	Thappa	91.8 %	80.009	0.000	80.009	73.448	Accepted
<input type="checkbox"/>	Ghat Locker	Admin Locker	Gold	Chain	75.5 %	76.895	0.000	76.895	58.055	Accepted
<input type="checkbox"/>	Ghat Locker	Melting Locker	Gold	Metal	100 %	35.100	0.000	35.100	35.100	Accept Pending

14.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Locker Transfer Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each locker transfer record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Locker Transfer Form**





- Allows entry of new locker transfer data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Transferred", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).





- Print format should follow predefined document layout including all relevant fields.
- Export should respect user’s export rights (if permissions are role-based).

14.5 Screen Layout

The screenshot shows the 'Locker' screen in the SIONIQ.AI system. The page title is 'Locker' and the breadcrumb is 'Production > Operations > Locker'. The main heading is 'Access Locker : Ghat Locker'. There are four dropdown filters: 'From Locker' (Ghat Locker), 'Cost Center' (Production Unit - 1), 'To Locker' (Admin Locker), and 'Material Type' (Metal). Below the filters is a table with the following data:

	Group Category	Metal Type	Purity	Gross Weight	Stone Weight	Net Weight	Pure Weight
<input type="checkbox"/>	Gold	Metal	91.8 %	358.250	0.000	358.250	328.873
<input type="checkbox"/>	Gold	Casting	91.8 %	129.350	19.250	110.100	101.072
<input type="checkbox"/>	Gold	Thappa	91.8 %	80.009	0.000	80.009	73.448
<input type="checkbox"/>	Gold	Chain	75.5 %	76.895	0.000	76.895	58.055
<input type="checkbox"/>	Gold	Metal	100 %	35.100	0.000	35.100	35.100

The footer of the screen shows 'Sri Bhavani Gems & Jewels Pvt Ltd' on the left and '2025 © SIONIQ.AI' on the right.

14.6 UI Elements

Access Control

- **Locker Access** is restricted by **Employee Login**.
- On login, system displays:
Access Locker: [Locker Name] (e.g., “Ghat Locker”) — fetched from Locker Master based on logged-in employee permissions.

Filter Section

○ From Locker

- Type: Dropdown
- Options: Import From Locker Master
- Default/Rules: Auto-select based on login (employee-based access)

○ Cost Center

- Type: Dropdown
- Options: Import From Branch Master
- Default/Rules: Selectable
- Mandatory: Yes





○ **To Locker**

- Type: Dropdown
- Options: Import From Locker Master, Filter with selected cost center
- Default/Rules: Selectable
- Mandatory: Yes

○ **Material Type**

- Type: Dropdown
- Options: Metal, Stone, Alloy, WAX

○ **Material List Table**

- Lists available materials from **From Locker** filtered by selected **Material Type**
- **Row Selection:** Via checkbox
- **On checkbox click:** Opens a **popup form** dynamically based on material type

○ **Material Type–Specific Popup Requirements**

Case 1: Material Type – Metal

The screenshot shows the SIONIQ.AI interface for the 'Locker' module. A popup form titled 'Access Locker : Ghat Locker' is displayed over a table of materials. The popup form contains the following fields:

- Group Category:** Gold (dropdown)
- Metal Type:** Metal (dropdown)
- Purity:** 91.8 (dropdown)
- Gross Weight:** Enter G Wt (text input)
- Stone Weight:** Stone Weight (checkbox and text input)
- Net Weight:** 0.000 (text input)
- Pure Weight:** 0.000 (text input)

Buttons for 'Submit' and 'Cancel' are located at the bottom of the popup form. The background table shows material rows with checkboxes for selection and 'Pure Weight' values.

Popup Fields (Read-Only unless stated)

Field	Type	Rules / Behavior
Group Category	Read-only	From selected metal row
Metal Type	Read-only	From selected metal row
Purity	Read-only	From selected metal row





Gross Weight	Text Input	Mandatory, numeric
Stone Weight	Checkbox + Input	Editable only if the selected row includes stone weight
Net Weight	Auto-calc	Gross Weight – Stone Weight
Pure Weight	Auto-calc	Net Weight * Purity %

Stone Weight Checkbox Logic

- Disabled if stone weight is not present in the selected metal row.
- If enabled and selected:
 - Opens a **Stone Table** popup for breakdown.

Stone Table Columns

Checkbox	Group	Category	Sub Category	Dynamic Subs	PCS	Carats	Grams
----------	-------	----------	--------------	--------------	-----	--------	-------

- **Editable Fields (Only when checkbox is selected):** PCS, Weight
- **Stone PCS**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
- **Stone Weight In Carats**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
 - **Functionality:** If entered, auto-calculate grams = Carats / 5
- **Stone Weight In Grams**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
 - **Functionality:** If entered, auto-calculate carats = grams * 5
- **Buttons:**
 - **Submit:** Saves selected stones, sums grams to update **Stone Weight** in main form
 - **Cancel:** Closes without saving

Main Form After Submit

- **Added Metal Table**
 - Shows all added metal entries with full detail





- **Balance Metal Table**
 - Shows remaining metal items

Bottom Buttons

- **Submit:** Finalizes and transfers materials (deduct from “From Locker”, add to “To Locker”)
- **Clear:** Clears all data and resets form

Case 2: Material Type – Stone

The screenshot shows the SIONIQ.AI Locker interface. The main table lists stone items with columns for Stone Group Category, Stone Category, Stone Sub Category, Stone Shape, Size, Stone Pcs, Stone Weight In Carats, and Stone Weight In Grams. A popup form is open over the first row, allowing for editing of Stone Pcs, Stone Weight In Carats, and Stone Weight In Grams. The popup includes 'Submit' and 'Cancel' buttons.

Stone Group Category	Stone Category	Stone Sub Category	Stone Shape	Size	Stone Pcs	Stone Weight In Carats	Stone Weight In Grams
Diamond					700	4.69	0.938
Diamond					120	1.20	0.240
Diamond					65	4.55	0.910
Diamond	Diamond	Natural	Marquise	3.6 * 2.7	20	2.20	0.440
Diamond	Diamond	Solitaire	Round	2.75	80	6.40	1.280
Color Stones	Ruby	Recl	Round	--	1430	107.25	21.450
Pearls	Pearls	Gutta	--	--	7350	2058	411.600

Popup Fields

- **Stone PCS**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
- **Stone Weight In Carats**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
 - **Functionality:** If entered, auto-calculate grams = Carats / 5
- **Stone Weight In Grams**
 - **Type:** Text Input
 - **Validation:** Must be numeric
 - **Mandatory:** Yes
 - **Functionality:** If entered, auto-calculate carats = grams * 5





Bottom Buttons

- **Submit:**
 - Adds entry to:
 - **Added Stone Table**
 - **Balance Stone Table** (remaining stones)
- **Cancel:** Closes popup without saving
- **Final Submit:** Deducts from “From Locker” and adds to “To Locker”
- **Clear:** Resets entire form

Case 3: Material Type – Alloy

The screenshot shows the SIONIQ.AI web application interface. The main content area is titled 'Locker' and includes a red notification 'Access Locker : Ghat Locker'. Below this, there are four dropdown menus: 'From Locker' (Ghat Locker), 'Cost Center' (Production Unit - 1), 'To Locker' (Admin Locker), and 'Material Type' (Alloy). A table displays the following data:

	Alloy Type	Gross Weight
<input checked="" type="checkbox"/>	22 KT	358.250
<input type="checkbox"/>	18 KT	129.350

Below the table is a popup form with two input fields: 'Alloy Type' (containing '22 KT') and 'Alloy Weight' (containing 'Enter Weight'). There are 'Submit' and 'Cancel' buttons at the bottom of the popup. The footer of the application shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

Popup Fields

Field	Type	Rules
Alloy Type	Text Input	Read-only from selection
Alloy Weight	Text Input	Mandatory, numeric

Bottom Buttons

- **Submit:**
 - Adds entry to:
 - **Added Alloy Table**
 - **Balance Alloy Table**
- **Cancel:** Closes popup without saving
- **Final Submit:** Transfers alloy to To Locker
- **Clear:** Resets all data





Case 4: Material Type – Wax

The screenshot shows the SIONIQ.AI interface for the 'Locker' screen. The main table lists wax entries with columns for Metal Type, Category, Sub Category, Pcs, Gross Weight, Stone Weight, and Net Weight. A popup form is open, allowing users to add or edit entries. The popup form includes dropdowns for Metal Type (WAX), Category (Ball), and Sub Category (8 MM), and input fields for Pcs, Gross Weight (Enter G Wt), Stone Weight (checkbox and input), and Net Weight. Submit and Cancel buttons are at the bottom of the popup.

Popup Fields

Field	Type	Rules
Metal Type	Read-only	
Category	Read-only	
Sub Category	Read-only	
PCS	Text Input	Mandatory, numeric
Gross Weight	Text Input	Mandatory, numeric
Stone Weight	Checkbox + Input	Editable only if stone exists in wax row
Net Weight	Auto-calc	Gross Weight – Stone Weight

Stone Table Logic (Same as Metal Case)

- Same column structure, interaction rules, and calculation behavior

Bottom Buttons

- **Submit:**
 - Adds entry to:
 - **Added Wax Table**
 - **Balance Wax Table**
- **Cancel:** Closes popup without saving
- **Final Submit:** Transfers wax to “To Locker”
- **Clear:** Resets the form





Validation & Behavior Summary

- **Numeric Validation:** PCS, Weight, Carats must be numeric
- **Auto-Calculations:** Triggered upon field inputs (carats ↔ grams, net weight, pure weight)
- **Permission Handling:** Locker transfer should only be allowed for employees with proper rights
- **Multiple Entry:** Users can continue adding material of same or different types before final submission
- **Data Integrity:** Final Submit deducts from From Locker and adds to To Locker accurately

User Actions Summary

Action	Description
Add Material	From listed materials in source locker
Popup Submit	Temporarily saves and displays added and balance info
Final Submit	Commits transfer and adjusts inventories accordingly
Cancel (Popup)	Discards changes in popup
Clear Form	Resets full form before or after submission

15 Locker Accept

15.1 Purpose

The Locker Accept Form is designed to allow employees to **accept or reject materials** transferred to their assigned locker. This process ensures that materials moved via the **Locker Transfer Form** are verified and acknowledged before becoming part of the new locker inventory.

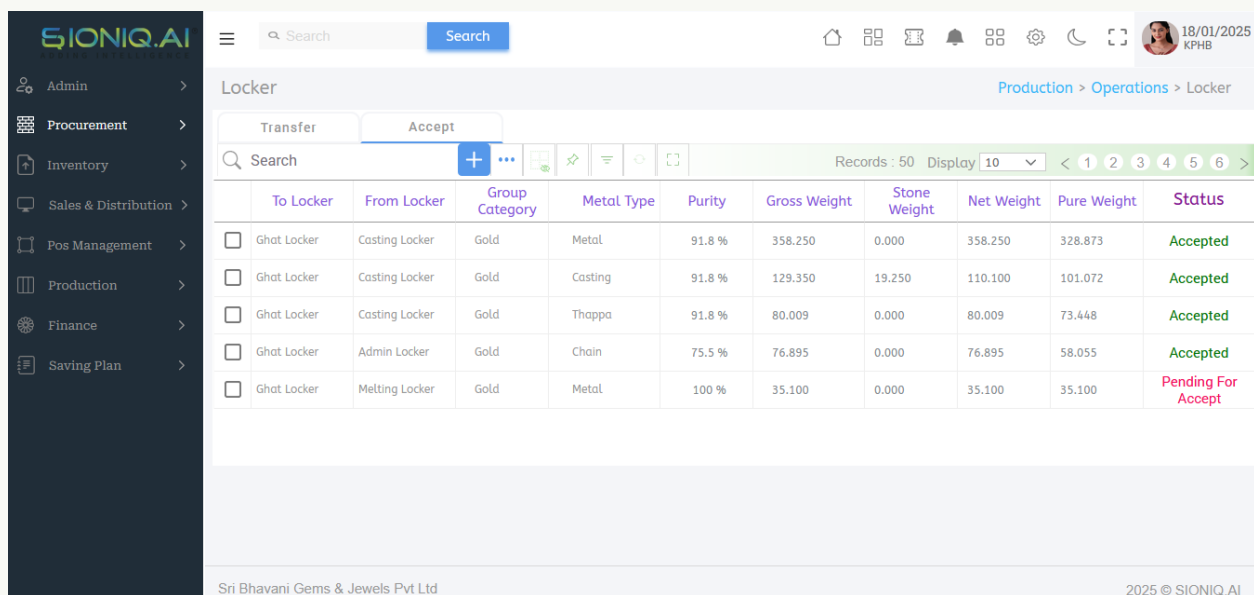
15.2 User Type

Registered Users, Admins.





15.3 Screen Layout



15.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Locker Accept Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each locker accept record

Button Functionalities





+ Add Button

- **Action:**
 - Opens the **Locker Accept Form**
 - Allows entry of new locker accept data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.





- Status should reflect values like "Accepted", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

15.5 Screen Layout

The screenshot shows the 'Locker' interface in SIONIQ.AI. The top navigation bar includes a search bar and user profile information (18/01/2025, KPHB). The sidebar on the left lists various modules: Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main content area is titled 'Locker' and shows a breadcrumb trail: Production > Operations > Locker. Below the title, there is a red alert message: 'Access Locker : Ghat Locker'. The interface includes several dropdown filters: 'To Locker' (Ghat Locker), 'Cost Center' (Production Unit - 1), 'From Locker' (Casting Locker), and 'Material Type' (Metal). A table displays the following data:

	Group Category	Metal Type	Purity	Gross Weight	Stone Weight	Net Weight	Pure Weight
<input type="checkbox"/>	Gold	Metal	91.8 %	358.250	0.000	358.250	328.873
<input type="checkbox"/>	Gold	Casting	91.8 %	129.350	19.250	110.100	101.072
<input type="checkbox"/>	Gold	Thappa	91.8 %	80.009	0.000	80.009	73.448
<input type="checkbox"/>	Gold	Chain	75.5 %	76.895	0.000	76.895	58.055
<input type="checkbox"/>	Gold	Metal	100 %	35.100	0.000	35.100	35.100

At the bottom of the table, there are two buttons: 'Accept' (blue) and 'Reject' (red). The footer of the interface shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

15.6 UI Elements

Access Control

- Employee Login-Based Locker Access.
 - Access to the form and materials is restricted to the logged-in employee's locker.
 - The **To Locker** field is auto-selected based on the employee's assigned locker

Filter Section

To Locker

- **Type:** Dropdown
- **Source:** Auto-selected
- **Value:** Based on the login employee's locker access
- **User Action:** Not editable

Cost Center

- **Type:** Dropdown
- **Source:** Import from Branch Master
- **User Action:** Selectable





From Locker

- **Type:** Dropdown
- **Source:** Import from Locker Master
- **User Action:** Selectable

Material Type

- **Type:** Dropdown
- **Options:** Metal, Stone, Alloy, Wax
- **User Action:** Selectable

Material List Table

- Purpose: Displays materials transferred to the access locker and are pending acceptance.
- Filter Behavior:
 - Filters materials based on selected Material Type and From Locker.
 - Shows only materials that are transferred but not yet accepted.
- Selection Method:
 - Rows are selectable via Checkbox.
 - Multiple row selection allowed.
- Actions on Checkbox Selection:
 - Accept and Reject buttons appear.

Action Buttons

Accept Button

- **Type:** Button
- **Visibility:** Shown when at least one checkbox is selected
- **Functionality:**
 - Adds the selected material entries to the access locker inventory.
 - Updates status to "Accepted".
 - Removes the materials from the pending list.

Reject Button

- **Type:** Button
- **Visibility:** Shown when at least one checkbox is selected
- **Functionality:**





- Updates the status of selected materials to “Rejected”.
- Returns the materials to the origin locker (From Locker).
- Removes the materials from the pending list.

Notes & Validations

- If no checkbox is selected:
 - Accept and Reject buttons remain hidden or disabled.
- If To Locker (based on login) does not match any transfers:
 - Display message: “No pending transfers for this locker.”
- Rejected entries should be available again for transfer in the Locker Transfer Form.
- All actions (accept/reject) should be logged for audit tracking.

16 Issue

16.1 Purpose

The **Issue Form** is used to assign different types of transactions (Job Work, Repair, Sample, Tags) from a specific department to a worker (Inhouse or Outsource). It ensures accurate tracking of work allocation, deducts the materials from the issuing department, and supports partial allocation in specific cases.

16.2 User Type

Registered Users, Admins.

16.3 Screen Layout

	From Department	Worker Type	TO Department	Worker	Job Work	P ID	Group Category	Combination Name	Purity	Pcs	Gross Weight	Stone Weight	Comp Weight	Net Weight	Pure Weight
<input type="checkbox"/>	Production	Inhouse	Filling	Pintu	J-011	PI-011.1	Gold	G Necklace Nakshi	91.8	1	0.000	0.000	0.000	0.000	0.000
<input type="checkbox"/>	Filling	Inhouse	Polish	Poltu	J-011	PI-011.2	Gold	G Necklace Nakshi	91.8	1	60.200	2.100	0.000	58.100	53.336
<input type="checkbox"/>	Filling	Inhouse	Polish	Bipin	J-021	PI-028.1	Gold	G Bangle Nakshi	91.8	2	70.200	0.000	0.000	70.200	64.443
<input type="checkbox"/>	Filling	Outsource	Filling	Mohith	J-009	PI-009.1	Gold	G Bangle Pachi	91.8	2	92.200	0.000	0.000	92.200	84.640
<input type="checkbox"/>	Production	Inhouse	Filling	Pintu	J-008	PI-008.1	Gold	G Bangle Pachi	91.8	2	0.000	0.000	0.000	0.000	0.000

16.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Issue Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each issued record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Issue Form**
 - Allows entry of new issue data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?



- **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
- **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Issued", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

16.5 Screen Layout





Job Number	Item No	Group Category	Product Name	Image	Order Pcs	Order Net Weight	Purit	Gross Weight	Stone Weight	Net Weight	Total Pure Weight
<input type="checkbox"/>	J-001	Jl-1.1	Gold	G Necklace Antique		2	38.950	91.8	--	--	--
<input type="checkbox"/>	J-011	Jl-11.1	Gold	G Necklace Antique		1	43.500	91.8	47.300	--	47.300
<input type="checkbox"/>	J-011	Jl-11.2	Gold	G Necklace Fancy		2	77.890	75.5	--	--	--
<input type="checkbox"/>	J-011	Jl-11.3	Gold	G Necklace Ghat		1	52.770	91.8	--	--	--

16.6 UI Elements

Filter Section Fields

From Department

- **Type:** Dropdown
- **Source:** Import from **Department Master**
- **Editable:** Based on login settings
- **Default Value:** Pre-selected or restricted based on login access

Worker Type

- **Type:** Dropdown
- **Options:**
 - Inhouse
 - Outsource

Department

- **Type:** Dropdown
- **Source:** Import from **Department Master**
- **Function:** Acts as a filter for available workers

Note: Setting

Worker

- **Type:** Dropdown





- **Source:** Import from **Worker Master**
 - **Filter Logic:** Filter workers by selected **Worker Type** and **Department**
-

Transaction Type

- **Type:** Dropdown
 - **Options:**
 - Job Works
 - Repair
 - Sample
 - Tags
-

Transaction List Table

Source:

- Displays pending transactions **from the selected From Department** that are **yet to be issued** to any worker.

Transaction Filters (based on selected Transaction Type):

- **Job Works:** Job Work items that are received or assigned but not yet issued to any worker.
- **Repair:** Items received or assigned for repair but not allocated yet.
- **Sample:** Items received or assigned for sampling, still pending issue.
- **Tags:** Tagged Items received or assigned for any changes to make, not yet issued to a worker.

Selection Method:

- Rows are selectable via **Checkbox**.
 - Multiple rows can be selected at once.
-

Special Case – Partial Job Work Issue

If Transaction Type = Job Work

- Allow partial issue of items in a single transaction.
- **Editable Fields in Table Grid:**
 - **Pcs**
 - **Weight**

Production ID Splitting Logic:

- Original Production ID (e.g., P-1) is **auto-split** upon partial issuance:
 - First part issued → P-1.1
 - Second part issued → P-1.2





- Third part issued → P-1.3
 - And so on...
 - **Example Case:**
 - **Job Work Number:** 1
 - **Original Production ID:** P-1
 - **Total:** Pcs: 1, Weight: 55.000
 - Issue split into:
 - Worker A for Locket → P-1.1, Weight: 15.000
 - Worker B for Chain → P-1.2, Weight: 20.000
 - Worker C for Chain → P-1.3, Weight: 20.000
 - **Validations:**
 - Issued quantity (weight) must not exceed the remaining unissued quantity.
 - Split Production IDs must be linked to the original Job Work Number for tracking.
 - Weight field must be greater than 0 to allow issue.
-

Action Buttons (Visible After Row Selection)

Submit

- **Type:** Button
 - **Functionality:**
 - Issues the selected transactions to the selected worker.
 - Deducts issued values from the **From Department** stock.
 - For **Job Work**, auto-generates new Production IDs based on partial splits (P-1.1, P-1.2, etc.).
 - Records transaction history (with timestamp, user, and destination worker info).
-

Clear

- **Type:** Button
 - **Functionality:**
 - Clears all selected rows and resets form filters.
 - Refreshes the transaction table to its default state.
-

Notes & Validations

- If **no transaction** is available for the selected filters, display:
 - “No pending transactions found for the selected criteria.”





- Ensure that issue records are **auditable and trackable** with time, user, and worker logs.
- **Split History Traceability:** All sub-Production IDs (P-1.1, P-1.2, etc.) should be traceable to the parent Production ID (P-1) in reports/logs.
- **UI Suggestion:** Highlight editable cells in the grid with input-style borders when Job Work is selected.

17 Receipt

17.1 Purpose

The **Receipt Form** is used to capture and record the receipt of materials or items related to various transaction types—**Job Work, Repair, Sample, and Tag**—from a specific department to a worker (either in-house or outsourced). It ensures accurate tracking of received work, maintains control over pending receipts, and automatically deducts the corresponding materials or components based on the transaction, supporting clear accountability and inventory accuracy across the workflow.

17.2 User Type

Registered Users, Admins.

17.3 Screen Layout

Worker Type	Department	Worker	Job Work	P ID	Group Category	Purity	Pcs	Gross Weight	Stone Weight	Comp Weight	Net Weight	Pure Weight	Loss Wt	WST Wt	Final Wt	Amount
Inhouse	Filling	Pintu	J-011	PI-011.1	Gold	91.8	1	68.090	2.200	0.000	65.890	60.487	0.000	0.085	65.975	0
Inhouse	Polish	Poltu	J-011	PI-011.2	Gold	91.8	1	60.200	2.100	0.000	58.100	53.336	1.250	0.000	59.350	0
Inhouse	Polish	Bipin	J-021	PI-028.1	Gold	91.8	2	70.200	0.000	0.000	70.200	64.443	2.800	0.000	73.000	0
Outsource	Filling	Mohith	J-009	PI-009.1	Gold	91.8	2	92.200	0.000	0.000	92.200	84.640	0.000	0.000	92.200	1200
Inhouse	Filling	Pintu	J-008	PI-008.1	Gold	91.8	2	96.485	0.000	0.000	96.485	88.573	0.000	0.000	96.485	0

17.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"





- **Function:** Opens the **Receipt Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each Receipted record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Receipt Form**
 - Allows entry of new receipt data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:

Are you sure you want to cancel the selected record(s)?

 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action





- **If no record is selected:**

- Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**

- Exports **only selected records**
- **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
- If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**

- Exports **all records in the table**, regardless of checkbox selection
- **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Received", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

17.5 Screen Layout

The screenshot displays the SIONIQ.AI software interface. On the left is a dark sidebar menu with options: Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main content area is titled 'Access Department : Filling' and contains a form with the following fields and controls:

- Search:** A search bar with a 'Search' button.
- Navigation:** Home, Grid, Print, Bell, Settings, Moon, and User profile (18/01/2025 KPHB).
- Form Fields:**
 - From Department: Filling (dropdown)
 - Worker Type: Select (dropdown)
 - Worker: Select Worker (dropdown)
 - Transaction Type: Job Card (dropdown)
 - Job Work: Select (dropdown)
 - Production ID: Select (dropdown)
 - Group Category: Gold (dropdown)
 - Category: Gold (dropdown)
 - Model: Stone (dropdown)
 - Product: Necklace (dropdown)
 - Style: Antique (dropdown)
 - Purity: 75.5 (dropdown)
 - Pcs: 1 (input)
 - Gross Weight: (input)
 - Component Net Weight: (input)
 - Component Pure Weight: (input)
 - Stone Weight: (input)
 - Net Weight: (input)
 - Pure Weight: (input)
 - Add Metal Category: (checkbox)
 - Loss %: (input)
 - Loss Weight: (input)
 - Loss Pure Wt: (input)
 - Wastage %: (input)
 - Wastage Wt: (input)
 - Stone WST Wt: (input)
 - Stone WTS Pure Wt: (input)
 - Final Weight: (input)
 - MC Per Gram: 0.000 (input)
 - MC Amount: 0.000 (input)
 - Other Charges: (input)
 - Upload Image: (button)
 - Browse...: (button)
 - Move To Next Process: (checkbox)
 - Move To Job Finalize: (checkbox)
 - Add: (button)
 - Clear: (button)

At the bottom of the interface, it shows 'Sri Bhavani Gems & Jewels Pvt Ltd' and '2025 © SIONIQ.AI'.

17.6 UI Elements





Filter Section Fields

From Department

- **Type:** Dropdown
 - **Source:** Import from **Department Master**
 - **Editable:** Based on login settings
 - **Default Value:** Pre-selected or restricted based on login access
-

Worker Type

- **Type:** Dropdown
 - **Options:**
 - Inhouse
 - Outsource
-

Worker

- **Type:** Dropdown
 - **Source:** Import from **Worker Master**
 - **Filter Logic:** Filter workers by selected **Worker Type** and **Department**
-

Transaction Type

- **Type:** Dropdown
 - **Options:**
 - Job Works
 - Repair
 - Sample
 - Tags
-

Case: 1 Transaction Type: Job Card

- On selecting *Job Card*, the UI elements listed below will be displayed and behave as per specified rules.
-

Form Fields and UI Components

Job Work

- **Type:** Dropdown
- **Source:** Job Works Assigned Table (Filtered by selected Department & Worker)





- **Mandatory:** Yes
 - **Functionality:**
 - If *Production ID* is selected, Job Work auto-populates based on Production ID.
 - Selection is required to enable dependent fields.
-

Production ID

- **Type:** Dropdown
 - **Source:** Job Works Assigned Table
 - **If Job Work is selected:** Filter by Job Work Number
 - **Else:** Filter by Department & Worker
 - **Mandatory:** Yes
-

Group Category, Category, Dynamic Sub Categories, Purity

- **Type:** Disabled Dropdown Fields.
 - **Functionality:** Auto-filled and non-editable, based on selected Job Work or Production ID
-

Pcs

- **Type:** Text Input
 - **Validation:** Numeric values only
 - **Mandatory:** Yes
-

Gross Weight

- **Type:** Text Input
 - **Validation:** Numeric values only
 - **Mandatory:** Yes
-

Used Sample Weight

- **Type:** Checkbox & Text Input
 - **Visibility:** Selected Production ID or Job Have Sample with Used in Production.
 - **Editable:** Checkbox - Yes, Text Input - No
 - **Functionality:**
 - If checked, open Sample popup
 - On popup submission, auto-fill Gross Weight in text input
-

Component Net Weight

- **Type:** Checkbox & Text Input
- **Editable:** Checkbox - Yes, Text Input - No
- **Functionality:**
 - If checked, open Component popup





- On popup submission, auto-fill Net Weight in text input

Component Pure Weight

- **Type:** Text Input
- **Editable:** No
- **Functionality:** Auto-filled from component popup submission

Stone Weight

- **Type:** Checkbox & Text Input
- **Editable:** Checkbox - Yes, Text Input - No
- **Functionality:**
 - If checked, open Stone popup
 - On submission, sum stone weights auto-fill text input (grams)

Net Weight

- **Type:** Text Input
- **Editable:** No
- **Calculation:** Net Weight = Gross Weight – Sample Weight - Stone Weight - Component Net Weight

Pure Weight

- **Type:** Text Input
- **Editable:** No
- **Calculation:** Pure Weight = (Net Weight × Purity %) + Component Pure Weight

Add Metal Category

- **Type:** Checkbox
- **Visibility:** If RC Wise Metal Settlement setting is enabled for selected Worker/Department
- **Functionality:** Opens Metal Category popup if selected

Loss and Wastage

Field	Type	Editable	Functionality
Loss %	Text Input	Based on Master	Auto-populated
Loss Weight	Text Input	No	Auto-calculated
Loss Pure Weight	Text Input	No	Auto-calculated
Wastage %	Text Input	Based on Master	Auto-populated
Wastage Weight	Text Input	No	Auto-calculated





Stone Wastage Weight	Text Input	No	Auto-calculated based on stone weight
Stone Wastage Pure Weight	Text Input	No	Auto-calculated based on stone weight

Final Pure Weight

- **Type:** Text Input
- **Editable:** No
- **Calculation:** Final Pure Weight = Pure Weight + Loss Pure Weight + Wastage Pure Weight + Stone Wastage Pure Weight

Making Charge Per Gram

- **Type:** Text Input
- **Editable:** Based on Master
- **Functionality:** Auto-populated

Making Amount

- **Type:** Text Input
- **Editable:** No
- **Functionality:** Auto-calculated

Other Charges

- **Type:** Checkbox & Text Input
- **Visibility:** Based on Master (if selected Worker has Other Charges enabled)
- **Editable:** Text Input - No, Checkbox - Yes
- **Functionality:**
 - If checked, open Other Charges popup
 - On submission, auto-fill summed charges

Upload Image

- **Type:** File Upload
- **Mandatory:** No

Move to Next Process / Job Finalize

Move to Next Process

- **Type:** Checkbox
- **Visibility:** If "Block Other Department Issue" setting is disable
- **Functionality:**
 - If checked, shows **Move to Department** and **Move to Worker**





- If not checked, shows **Move to Job Finalize**

Move to Job Finalize

- **Type:** Checkbox
- **Visibility:** Only if department is configured with Is Job Finalization = true
- **Functionality:**
 - Moves job to Final QC stage
 - Disables **Move to Next Process** checkbox

Move to Department

- **Type:** Checkbox
- **Visibility:** If Move to Next Process is selected
- **Functionality:**
 - If checked, shows **Department**
 - Hides **Move to Worker**

Move to Worker

- **Type:** Checkbox
- **Visibility:** If Move to Next Process is selected and Move to Department is not selected
- **Functionality:**
 - If checked, shows **Worker Type**
 - Disables **Move to Department**

Department

- **Type:** Dropdown
- **Source:** Department Master

Worker Type

- **Type:** Dropdown
- **Options:** Inhouse, Outsource Worker
- **Functionality:**
 - If *Inhouse* selected: show **Department** and **Worker**
 - If *Outsource* selected: show **Worker** only

Worker

- **Type:** Dropdown
 - **Source:** Worker Master
 - **Filter:** Based on Worker Type and Department
-





Table Interaction

Add Button

- **Type:** Button
- **Functionality:**
 - Temporarily saves data to a table view
 - Enables **Submit** and **Cancel** buttons
 - Allows multiple job receipts to be added

Clear Button

- **Type:** Button
- **Functionality:**
 - Clears all fields
 - Refreshes the form

Table Actions

Action	Type	Functionality
Edit	Icon	Loads the row data into the form for editing; after changes, user can update
Delete	Icon	Removes the row from the table

Submit Button

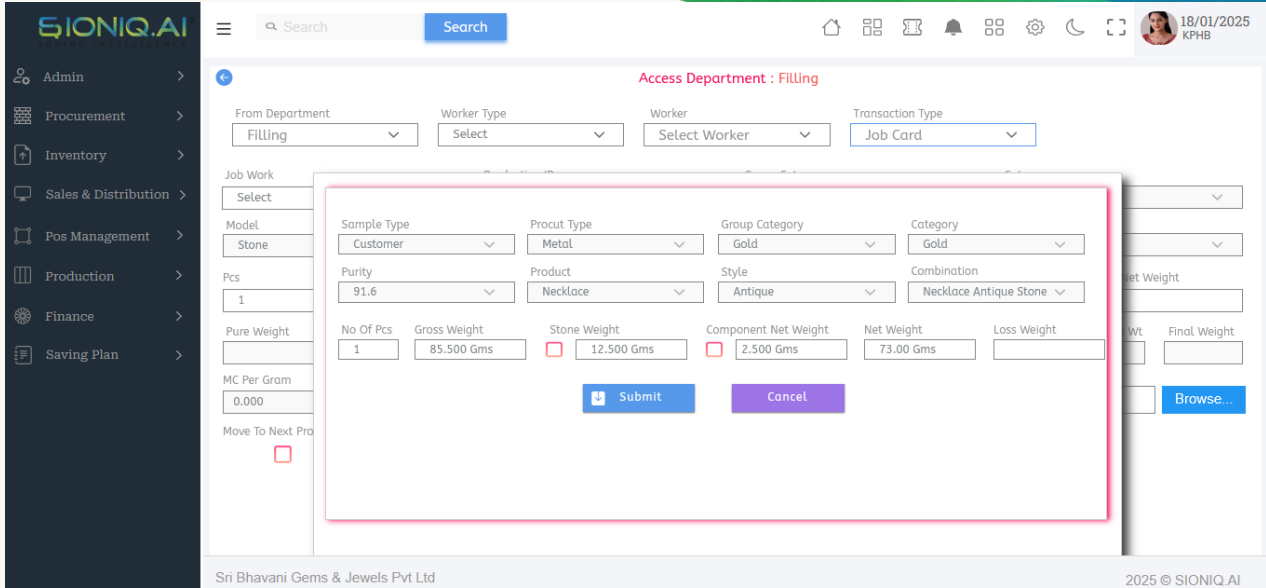
- **Type:** Button
- **Functionality:**
 - Saves all table records
 - Deducts quantities from selected Department and Worker

Cancel Button

- **Type:** Button
- **Functionality:**
 - Clears the temporary table data

Sample Popup





Main Table View

- Shows **Pending Samples**
- Filters:
 - Based on selected Worker
 - Used in Production = True
- Includes Action: **Edit Icon**

Sample Edit Popup (Auto-populated)

Field	Type	Source	Editable
Sample Type	Dropdown	Sample Issue Table	No
Product Type	Dropdown	Sample Issue Table	No

If Product Type = Metal

Field	Type	Editable	Description
Group Category	Dropdown	No	Auto-populated
Category	Dropdown	No	Auto-populated
Article 1	Dropdown	No	Auto-populated
Article 2	Dropdown	No	Auto-populated
Purity	Dropdown	No	Auto-populated
No of Pcs	Text Input	Yes	Numeric
Gross Weight	Text Input	Yes	Numeric
Stone Weight	Check Box + Text Input	Yes	Check Box click stone pop-up show
Component Weight	Check Box + Text Input	Yes	Check Box click component pop-up show





Net Weight	Text Input	No	Gross – Component - Stone Weight
Loss Weight	Text Input	Yes	Numeric Values, if any loss weight appear

Stone Popup Flow (If Checkbox Selected)

- **Stone Table:**
 - The stone table is displayed when the Stone Weight checkbox is selected.
 - Table contains the following columns:
 - Edit Icon
 - Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamically Created Sub Categories
 - Stone PCS
 - Weight in Carats
 - Weight in Grams
 - When edit icon in the stone table is press, the PCS and Weight fields editable.

Field	Type	Editable	Description
Stone Article Info	Dropdowns	No	Auto-filled
Stone Weight (cts)	Text Input	Yes	Numeric
Stone Weight (gms)	Text Input	Yes	Numeric
Stone Pcs	Text Input	Yes	Numeric
Add Button	Button		Shows balance
Submit Button	Button		Saves changes, updates parent popup
Close Button	Button		Cancel popup

Component Section (Optional)

- **Component Table:**
 - The component table is displayed when the Component Weight checkbox is selected.
 - Table contains the following columns:
 - Edit Icon
 - Delete Icon
 - Group Category
 - Category
 - Dynamically Created Sub Categories
 - Purity





- Gross Weight
 - Stone Weight
 - Net Grams
- When edit icon in the component table is press, the Weight's fields editable.
 - When delete icon in the component table is press, that enter row shows balance

Field	Type	Editable	Description
Group Category	Dropdown	No	Auto-populated
Category	Dropdown	No	Auto-populated
Article 1	Dropdown	No	Auto-populated
Article 2	Dropdown	No	Auto-populated
Purity	Dropdown	No	Auto-populated
No of Pcs	Text Input	Yes	Numeric
Gross Weight	Text Input	Yes	Numeric
Stone Weight	Check Box + Text Input	Yes	Check Box click stone pop-up show
Net Weight	Text Input	No	Gross – Stone Weight
Add Button	Button		Shows balance
Submit Button	Button		Saves changes, updates parent popup
Close Button	Button		Cancels popup

Stone Pop-up same as Stone Popup Flow (If Checkbox Selected)

Submit / Cancel Actions

Button	Function
Submit	Save data and reflect changes in main form
Cancel	Discard popup

Balance Sample Action

Field	Type	Options
Balance Sample Action	Dropdown	Pending for Sample Receipt, Return To Worker

- If **Pending for Sample Receipt**: Show in Receipt Form as pending
- If **Return to Worker**: Issue back to worker

Component Popup





Access Department : Filling

From Department: Filling | Worker Type: Select | Worker: Select Worker | Transaction Type: Job Card

Job Work: Select | Production ID: | Group Category: | Category: | Component Name: | Purity: |

Model: Stone

Pcs: 1 | Gross Weight: Enter Gross Wt | Stone Wt: | Net Weight: | Pure Weight: | Wst Wt: | Wst Pure Wt: |

Pure Weight: | Add | Cancel

Component Name	Purity	Gross Wt	Stone Wt	Net Wt	Pure Weight	Action
Kundan Pure	100	8.550	1.650	6.900	6.900	
Back Chain	91.8	2.350	0.000	2.350	2.157	

Submit | Clear

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Trigger

- **Condition:** On selecting the Component checkbox in the main form.
- **Action:** Opens the Component Popup window.

UI ELEMENTS

Group Category

- **Type:** Dropdown
- **Options:** Dynamic
- **Source:** Group Category Master Table
- **Validation:** Must be selected
- **Mandatory:** Yes
- **Functionality:** Filters downstream categories (Category, Dynamic Sub Category)

Category

- **Type:** Dropdown
- **Options:** Dynamic (based on selected Group Category)
- **Source:** Category Table
- **Validation:** Must be selected
- **Mandatory:** Yes
- **Functionality:** Filters Dynamic Sub Category

Dynamic Sub Category

- **Type:** Dropdown
- **Options:** Dynamic (based on Group Category and Category)
- **Source:** Dynamic Sub Category Table





- **Validation:** Must be selected
- **Mandatory:** Yes
- **Functionality:** No additional function other than selection.

Purity

- **Type:** Dropdown
- **Options:** Dynamic
- **Source:** Purity Master Table
- **Validation:** Must be selected
- **Mandatory:** Yes
- **Functionality:** Used for Pure Weight calculation.

Pcs (Pieces)

- **Type:** Text Input
- **Options:** N/A
- **Validation:** Numeric values only (positive integers)
- **Mandatory:** Yes
- **Functionality:** Captures number of units of component.

Gross Weight

- **Type:** Text Input
- **Options:** N/A
- **Validation:** Numeric values only (positive float)
- **Mandatory:** Yes
- **Functionality:** Used in Net Weight calculation.

Stone Weight Checkbox

- **Type:** Checkbox
- **Mandatory:** No
- **Functionality:**
 - **If checked:** Open Stone Popup.
 - **On submit from Stone Popup:** Auto-populate total stone weight (in grams) in text input next to checkbox (disabled).

Stone Weight (Text Input)

- **Type:** Text Input (Disabled)
- **Options:** Auto-filled
- **Source:** Result from Stone Popup





- **Validation:** Numeric (readonly)
- **Mandatory:** Optional
- **Functionality:** Displays total stone weight from Stone Popup.

Net Weight

- **Type:** Text Input (Disabled)
- **Validation:** Numeric (readonly)
- **Mandatory:** Auto-calculated
- **Functionality:**
 - **Calculation Formula:** Net Weight = Gross Weight - Stone Weight

Pure Weight

- **Type:** Text Input (Disabled)
- **Validation:** Numeric (read only)
- **Mandatory:** Auto-calculated
- **Functionality:** Calculation Formula: Pure Weight = Net Weight × Purity %

Wastage Weight

- **Type:** Text Input (Disabled)
- **Options:** Auto-filled
- **Source:** From Stone Popup
- **Validation:** Numeric (read only)
- **Mandatory:** Auto
- **Functionality:** Display total wastage weight as received from stone popup

Wastage Pure Weight

- **Type:** Text Input (Disabled)
- **Options:** Auto-filled
- **Source:** From Stone Popup
- **Validation:** Numeric (read only)
- **Mandatory:** Auto
- **Functionality:** Display pure wastage weight from Stone Popup.

ACTION BUTTONS

ADD

- **Type:** Button
- **Functionality:**
 - Validates required fields.
 - Adds current component input to the temporary in-popup table.





- Shows Submit and Clear buttons.
-

Submit

- **Type:** Button
 - **Functionality:**
 - Saves all entries in the popup.
 - Closes the popup.
 - Updates Component Net Weight and Component Pure Weight in the main form.
-

Clear

- **Type:** Button
 - **Functionality:** Clears all added component rows and resets the popup to blank state.
-

Cancel

- **Type:** Button
 - **Functionality:** Closes the popup without saving or updating the main form.
-

STONE POPUP (Inside Component Flow)

- Triggered when the Stone Weight Checkbox is selected.
 - All fields in this Stone Popup behave identically to the Main Form's Stone Popup.
 - On submission:
 - Total stone weight (grams) is sent to Stone Weight field.
 - Wastage weight and wastage pure weight are updated in Component Popup.
-

INTEGRATION WITH MAIN FORM

- On final submission of the Component Popup:
 - Values for Component Net Weight and Component Pure Weight are sent to the main form.
 - These values participate in the total net/pure weight calculations.
-

Stone Popup





Trigger

- **Condition:** On selecting the Stone checkbox in the main or component form.
- **Action:** Opens the Stone Popup modal.

COMMON UI ELEMENT

Stone Type

- **Type:** Dropdown
- **Options:** Issued, Advance, Dealer
- **Source:** Static
- **Validation:** Must be selected
- **Visibility:** Always visible
- **Mandatory:** Yes
- **Functionality:** Drives conditional UI rendering:
 - **Dealer** → Manual entry form.
 - **Issued / Advance** → Select from existing pending records.

WHEN STONE TYPE = DEALER

Displays a full manual entry form.

Stone Group Category

- **Type:** Dropdown
- **Source:** Stone Group Category Master Table
- **Validation:** Must be selected
- **Visibility:** Visible when Dealer selected
- **Mandatory:** Yes





Stone Category

- **Type:** Dropdown
- **Source:** Stone Category Master Table
- **Validation:** Must be selected
- **Visibility:** Visible when Dealer selected
- **Mandatory:** Yes

Stone Sub Category

- **Type:** Dropdown
- **Source:** Stone Sub Category Master Table
- **Validation:** Must be selected
- **Visibility:** Visible when Dealer selected
- **Mandatory:** Yes

Dynamic Stone Sub Category

- **Type:** Dropdown
- **Source:** Dynamic Stone Sub Category Table
- **Validation:** Must be selected
- **Visibility:** Visible when Dealer selected
- **Mandatory:** Yes

Setting Type

- **Type:** Dropdown
- **Source:** "Metal & Stone Setting" Master Table (filtered by Category = Stone Setting)
- **Validation:** Must be selected
- **Visibility:** Visible when Dealer selected
- **Mandatory:** Yes

Pcs

- **Type:** Text Input
- **Validation:** Numeric (Positive integers only)
- **Visibility:** Visible
- **Mandatory:** Yes

Weight in Carats

- **Type:** Text Input
 - **Validation:** Numeric (Positive floats only)
 - **Visibility:** Visible
 - **Mandatory:** Yes
 - **Functionality:** Auto-calculate grams = Carats / 5 if entered
-





Weight in Grams

- **Type:** Text Input
 - **Validation:** Numeric (Positive floats only)
 - **Visibility:** Visible
 - **Mandatory:** Yes
 - **Functionality:** Auto-calculate carats = Grams × 5 if entered
-

Wastage Per Unit

- **Type:** Text Input
 - **Source:** Wastage & Loss Master
 - **Editable:** Based on master configuration
 - **Visibility:** Visible
 - **Functionality:** Auto-populate based on stone selection
-

Wastage Weight

- **Type:** Text Input
 - **Editable:** No
 - **Visibility:** Visible
 - **Functionality:** Auto-calculated based on Wastage Per Unit × Pcs
-

Wastage Pure Weight

- **Type:** Text Input
 - **Editable:** No
 - **Visibility:** Visible
 - **Functionality:** Auto-calculated from Wastage & Loss Master logic
-

WHEN STONE TYPE = ISSUED / ADVANCE

Displays a filterable selection table (Pending for Receipt Stones).

Stone Filter Section (Top of Table)

- **Filter Dropdowns:**
 - Stone Group Category
 - Stone Category
 - Stone Sub Category
 - Dynamic Stone Sub Category
 - **Source:** Stone Master Table
 - **Functionality:** Filters the selection table
-

Table with Checkboxes





- **Data Source:**
 - Stones Pending for Receipt
 - Filtered by selected Worker
 - Filtered by selected Job Number If Stone type = Issued
- **Functionality:**
 - Each row has a checkbox.
 - On selection, that row becomes editable:
 - **Editable Fields:** Pcs, Weight's, Return Pcs, Return Weight's
 - **Visible Fields:** Setting Type, Total Pcs, Wastage Per Unit, Wastage Weight, Wastage Pure Weight

Setting Type

- **Type:** Dropdown
- **Source:** "Metal & Stone Setting" Master Table (Category = Stone Setting)
- **Mandatory:** Yes

Total Pcs

- **Type:** Text Input (Auto)
- **Validation:** Numeric (readonly)
- **Functionality:** Auto-sum of selected rows

Wastage Per Unit

- **Type:** Text Input
- **Source:** Wastage & Loss Master
- **Editable:** Based on master
- **Functionality:** Auto-populated

Wastage Weight

- **Type:** Text Input
- **Editable:** No
- **Functionality:** Auto-calculated

Wastage Pure Weight

- **Type:** Text Input
- **Editable:** No
- **Functionality:** Auto-calculated

ACTION BUTTONS (Common in Both Dealer and Issued/Advance Modes)





ADD

- **Type:** Button
 - **Functionality:**
 - Validates input
 - Adds the entry to a temporary table
 - Displays Submit & Clear buttons
-

Submit

- **Type:** Button
 - **Functionality:**
 - Saves all added entries
 - Closes the popup
 - Sends:
 - **Stone Weight (grams)**
 - **Wastage Weight**
 - **Wastage Pure Weight**
 - To the **Main or Component Form**
-

Clear

- **Type:** Button
 - **Functionality:**
 - Clears the temporary entry table
 - Refreshes form for new entries
-

Cancel

- **Type:** Button
 - **Functionality:**
 - Closes the popup without saving
-

Add Metal Category Popup





Group Category Gold	Metal Type Casting	Purity 91.8				
Gross Weight Enter G Wt	<input type="checkbox"/> Stone Weight <input type="checkbox"/> Stone Weight	Net Weight 0.000	Pure Weight 0.000			
Loss %	Loss Weight	Loss Pure Wt	Wastage %	Wastage Wt	MC	MC Amount
<input type="button" value="ADD"/> <input type="button" value="Cancel"/>						

Group Category

- **Type:** Dropdown
- **Options:** Based on Job Card
- **Source:** Auto-populated from the selected Job Card
- **Functionality:** User cannot edit; it's only for display reference

Metal Type

- **Type:** Dropdown
- **Options:** Dynamic
- **Source:** Material Receipt Pending table (Filtered by selected Worker and Job Card Purity)
- **Validation:** Must select a valid option
- **Mandatory:** Yes
- **Functionality:** Drives the enablement of Stone Weight checkbox and weight restrictions

Purity

- **Type:** Dropdown
- **Options:** Based on Job Card
- **Source:** Pre-populated
- **Mandatory:** Yes
- **Functionality:** Non-editable display value based on selected job card

Gross Weight

- **Type:** Text Input





- **Validation:** Numeric only, cannot exceed balance weight for selected Metal Type and Worker
 - **Mandatory:** Yes
 - **Functionality:** Input restricted by business rule
-

Stone Weight

- **Type:** Checkbox + Text Input
 - **Source:** Checkbox state depends on selected Metal Type having stone entries
 - **Validation:**
 - Checkbox is disabled if Metal Type has no stone data
 - Text field is read-only and auto-populated
 - **Visibility:** Always visible
 - **Mandatory:** No
 - **Functionality:**
 - On checking the box, opens **Stone Table** popup.
 - **Stone Table UI** includes: Checkbox, Group Category, Stone Category, Stone Subcategory, Dynamic Subcategory, Stone Pcs, Weight in Carats, Weight in Grams.
 - Editable only if row checkbox selected.
 - **Submit** in Stone Table:
 - Saves entries.
 - Sums "Weight in Grams" of checked rows.
 - Auto-fills main Stone Weight input.
 - **Cancel:** Closes table without saving.
-

Net Weight

- **Type:** Text Input (Read-only)
 - **Validation:** Auto-calculated
 - **Functionality:**
Net Weight = Gross Weight - Stone Weight
-

Pure Weight

- **Type:** Text Input (Read-only)
 - **Validation:** Auto-calculated
 - **Functionality:**
Pure Weight = Net Weight × Purity %
-

Loss %

- **Type:** Text Input
- **Source:** Wastage & Loss Master
- **Editable:** Based on Master Config





- **Visibility:** Always visible
 - **Functionality:** Auto-filled from master
-

Loss Weight

- **Type:** Text Input (Read-only)
 - **Functionality:** Based on the Master Calculation
-

Loss Pure Weight

- **Type:** Text Input (Read-only)
 - **Functionality:**
Loss Pure Weight = Loss Weight × based on the Master Purity %
-

Wastage %

- **Type:** Text Input
 - **Source:** Wastage & Loss Master
 - **Editable:** Based on Master
 - **Functionality:** Auto-filled from master
-

Wastage Weight

- **Type:** Text Input (Read-only)
 - **Functionality:** Based on Master
(Example: Wastage Weight = Net Weight × Wastage %)
-

Making Charge Per Gram

- **Type:** Text Input
 - **Editable:** Based on Master
 - **Functionality:** Auto-populated
-

Making Amount

- **Type:** Text Input (Read-only)
 - **Functionality:** Based on Master
(Example: Making Amount = Net Weight × Making Charge Per Gram)
-

Action Buttons

Add

- **Type:** Button
- **Functionality:**
 - Temporarily saves input to a UI table
 - Enables Submit and Clear buttons





- Allows adding multiple Metal Types
- Enforces constraint: **Main Form Net Weight = Total Net Weight of added items**

Cancel

- **Type:** Button
- **Functionality:** Closes the popup without saving

Submit

- **Type:** Button
- **Editable:** Only when total Metal Type Net Weight = Main Form Net Weight
- **Functionality:**
 - Saves the added table records
 - Deducts quantities from selected Department and Worker

Clear

- **Type:** Button
- **Functionality:** Clears all temporarily saved table records and refreshes the form

Case: 2 Transaction Type: Repair

The screenshot displays the SIONIQ.AI interface for a repair transaction. The main form is titled "Access Department : Filling" and includes several dropdown menus for "From Department" (Filling), "Worker Type" (Select), "Worker" (Select Worker), and "Transaction Type" (Repair). Below these are input fields for "Repair Number" (R-001), "Repair Type" (Joining), "Group Category" (Gold), "Product Name" (G Necklace Antique), and "Purity" (91.8). A table lists repair records with columns for Repair Number, Pcs, Gross Weight, Component Weight, Stone Weight, Net Weight, and Pure Weight. The form also includes fields for "Loss %", "Loss Weight", "Loss Pure Weight", "Wastage %", "Wastage Weight", "Stone Wastage Weight", "Stone Wst Pure Wt", "Final Pure Weight", "MC Per Gram", "MC Amount", and "Other Charges". There are "Add" and "Cancel" buttons at the bottom of the form. The footer of the interface shows "Sri Bhavani Gems & Jewels Pvt Ltd" and "2025 © SIONIQ.AI".

Repair List Table (Main View)

- Displays pending Repairs filtered by selected Worker.
- Each row has a checkbox for selection.
- On checkbox click, the **Repair Receipt Popup Form** opens.

Repair Receipt Popup Form





Pre-Populated & Non-Editable Fields (Read-Only)

1. **Repair Number** – Fetched from the selected Repair.
2. **Repair Type** – Fetched from the Repair details.
3. **Group Category** – As per the associated product group.
4. **Product Name** – From the linked product master.
5. **Purity** – Purity % of the product.

Editable Fields

6. **Pcs**
 - Type: Text Input
 - Validation: Numeric only
 - Mandatory: Yes
7. **Gross Weight**
 - Type: Text Input
 - Validation: Numeric only
 - Mandatory: Yes
8. **Component Weight (Checkbox)**
 - Type: Checkbox
 - Functionality: If checked, opens the Component Popup
9. **Component Weight (Text Field)**
 - Editable: No
 - Functionality: Auto-filled when Component Popup is submitted. Shows component weight.
10. **Stone Weight (Checkbox)**
 - Type: Checkbox
 - Functionality: If checked, opens the Stone Popup
11. **Stone Weight (Text Field)**
 - Editable: No
 - Functionality: Auto-filled when Stone Popup is submitted (in grams)

Auto-Calculated Fields (Read-Only)

12. **Net Weight**
 - Editable: No
 - Functionality: Auto-calculated
 - Formula: $\text{Net Weight} = \text{Gross Weight} - \text{Component Weight} - \text{Stone Weight}$
13. **Pure Weight**
 - Editable: No
 - Functionality: Auto-calculated
 - Formula: $\text{Pure Weight} = (\text{Net Weight} \times \text{Purity}\%) + \text{Component Pure Weight}$
14. **Added Gross Weight**





- Editable: No
- Formula: Gross Weight - Repair Issue Gross Weight

15. Added Component Weight

- Editable: No
- Formula: Component Weight - Repair Issue Component Weight

16. Added Stone Weight

- Editable: No
- Formula: Stone Weight - Repair Issue Stone Weight

17. Added Net Weight

- Editable: No
- Formula: Net Weight - Repair Issue Net Weight

18. Added Pure Weight

- Editable: No
- Formula: Pure Weight - Repair Issue Pure Weight

Conditional Fields (based on master settings)

19. Add Metal Category

- Type: Checkbox
- Visibility: Only if "RC Wise Metal Settlement" is enabled for selected Worker/Department
- Functionality: Opens Metal Category popup if checked

20. Loss %

- Type: Text Input
- Editable: Based on master configuration
- Functionality: Auto-filled from master

21. Loss Weight

- Editable: No
- Functionality: Auto-calculated based on Loss %
- Formula: Net Weight × Loss %

22. Loss Pure Weight

- Editable: No
- Functionality: Auto-calculated
- Formula: Loss Weight × Purity %

23. Wastage %

- Type: Text Input
- Editable: Based on master
- Functionality: Auto-filled

24. Wastage Weight

- Editable: No
- Functionality: Auto-calculated





- Formula: $\text{Net Weight} \times \text{Wastage \%}$

25. Stone Wastage Weight

- Editable: No
- Functionality: Auto-filled from Stone Popup

26. Stone Wastage Pure Weight

- Editable: No
- Functionality: Auto-filled from Stone Popup

27. Final Pure Weight

- Editable: No
- Functionality: Auto-calculated
- Formula: $\text{Pure Weight} + \text{Loss Pure Weight} + \text{Wastage Pure Weight} + \text{Stone Wastage Pure Weight}$

28. Making Charge Per Gram

- Type: Text Input
- Editable: Based on master
- Functionality: Auto-filled

29. Making Amount

- Editable: No
- Functionality: Auto-calculated
- Formula: $\text{Net Weight} \times \text{Making Charge Per Gram}$

30. Other Charges (Checkbox + Popup)

- **Visibility:** Only if the Worker has "Other Charges" enabled in Master
- **Checkbox:** Enables the feature
- **Functionality:** On check, opens Other Charges popup; on submit, shows total charges
- **Text Input:** Not directly editable, value comes from popup

31. Upload Image

- **Type:** File Upload
- **File Types:** JPG, PNG, PDF
- **Mandatory:** No
- **Functionality:** User can attach a document or image

Footer Buttons

1. Add Button

- Type: Button
- Functionality: Temporarily stores the current form entry into a local table/grid
- Enables "Submit" and "Cancel"
- Allows entry of multiple repairs

2. Submit Button

- Type: Button





- Functionality: Saves all added repair receipts
- Triggers deduction of stock from selected Worker/Department

3. Cancel Button

- Type: Button
- Functionality: Discards the popup form without saving

Case: 3 Transaction Type: Sample

Sample Number	Job Number	Item No	Group Category	Product Name	Image	Pcs	Sample Weight	Purit
<input type="checkbox"/> S-009	J-011	Jl-11.2	Gold	G Necklace Fancy		1	25.100	75.5
<input type="checkbox"/> S-031	J-055	Jl-55.1	Gold	G Necklace Dashavataram		1	19.250	91.8

Sample List Table (Main View)

- Displays pending Sample filtered by selected Worker.
- Each row has a checkbox for selection.
- **Submit Button**
 - Type: Button
 - Functionality: Saves all checked Sample's
 - Triggers deduction of sample from selected Worker/Department





Case: 4 Transaction Type: Tag

Same As Case: 2

Tag List Table (Main View)

- Displays **pending for Receipt Tags** filtered by the selected Worker.
- Each row has a **checkbox** for selection.
- On **checkbox click**, the **Tag Receipt Popup Form** opens.

Note: This replaces the "Repair List Table" in Case 2.

Tag Receipt Popup Form Changes

◆ Pre-Populated & Non-Editable Fields (Read-Only)

1. **Tag Number**
 - Fetched from the selected Tag
 - Non-editable
2. **Remove Repair Type**

Note: These fields replace the Case 2 fields: *Repair Number* and *Repair Type*.

Note: All other UI elements remain exactly the same as Case 2 (Repair Receipt Form), including:

- Pre-filled non-editable fields:
 - Group Category
 - Category
 - Dynamic Category's
 - Product Name
 - Purity
- Editable Fields:
 - Pcs





- Gross Weight
- Component Weight (Popup)
- Stone Weight (Popup)
- Auto-Calculated Fields:
 - Net Weight
 - Pure Weight
 - Added Weights
 - Loss %, Wastage %, and associated weights
 - Final Pure Weight
 - Making Charges
 - Other Charges
- Conditional Visibility:
 - Metal Category Checkbox (based on RC-wise settings)
 - Other Charges (based on Master config)
- Functional Buttons:
 - **Add** – Stores the line in a grid
 - **Submit** – Final save and deduction
 - **Cancel** – Close without saving
 - **Upload Image** – Optional file upload

Summary of Changes vs Case 2 (Repair)

Area	Case 2 (Repair)	Case 4 (Tag)
List Table	Repair List Table	Tag List Table
Popup Form Title	Repair Receipt Popup Form	Tag Receipt Popup Form
Key Pre-Filled Fields	Repair Number, Repair Type	Tag Number

All other logic, validations, calculations, and UI behavior are **identical to Case 2** and must be reused to ensure consistency.

18 Job Movement Issue

18.1 Purpose

The **Job Movement Issue Form** is used to issue job work from a specific department to a selected worker (Inhouse or Outsource). It enables accurate tracking of work assignments, supports partial issuance of materials, auto-generates production IDs for split tasks, and ensures proper deduction of materials from the issuing department's inventory.

18.2 User Type

Registered Users, Admins.





18.3 Screen Layout

<input type="checkbox"/>	From Department	Worker Type	TO Department	Worker	Job Work	P ID	Group Category	Combination Name	Purity	Pcs	Gross Weight	Stone Weight	Comp Weight	Net Weight	Pure Weight
<input type="checkbox"/>	Production	Inhouse	Filling	Pintu	J-011	PI-011.1	Gold	G Necklace Nakshi	91.8	1	0.000	0.000	0.000	0.000	0.000
<input type="checkbox"/>	Filling	Inhouse	Polish	Poltu	J-011	PI-011.2	Gold	G Necklace Nakshi	91.8	1	60.200	2.100	0.000	58.100	53.336
<input type="checkbox"/>	Filling	Inhouse	Polish	Bipin	J-021	PI-028.1	Gold	G Bangle Nakshi	91.8	2	70.200	0.000	0.000	70.200	64.443
<input type="checkbox"/>	Filling	Outsource	Filling	Mohith	J-009	PI-009.1	Gold	G Bangle Pachi	91.8	2	92.200	0.000	0.000	92.200	84.640
<input type="checkbox"/>	Production	Inhouse	Filling	Pintu	J-008	PI-008.1	Gold	G Bangle Pachi	91.8	2	0.000	0.000	0.000	0.000	0.000

18.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Issue Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each issued record

Button Functionalities

+ Add Button





- **Action:**
 - Opens the **Issue Form**
 - Allows entry of new issue data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:

Are you sure you want to cancel the selected record(s)?

 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Issued", "Cancelled", etc.





- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

18.5 Screen Layout

Sample	Job Number	Item No	Group Category	Product Name	Image	Order Pcs	Order Net Weight	Purit	Gross Weight	Stone Weight	Net Weight	Total Pure Weight
<input type="checkbox"/>	<input type="checkbox"/>	J-001	J1-1.1	Gold	G Necklace Antique	2	38.950	91.8	--	--	--	--
<input type="checkbox"/>	<input type="checkbox"/>	J-011	J1-11.1	Gold	G Necklace Antique	1	43.500	91.8	47.300	--	47.300	43.421
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J-011	J1-11.2	Gold	G Necklace Fancy	2	77.890	75.5	--	--	--	--
<input type="checkbox"/>	<input type="checkbox"/>	J-011	J1-11.3	Gold	G Necklace Ghat	1	52.770	91.8	--	--	--	--
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J-055	J1-55.1	Gold	G Necklace Dashavataram	3	61.090	91.8	--	--	--	--

18.6 UI Elements

Filter Section Fields

From Department

- **Type:** Dropdown
- **Source:** Import from **Department Master**
- **Editable:** Based on login settings
- **Default Value:** Pre-selected or restricted based on login access

Worker Type

- **Type:** Dropdown
- **Options:**
 - Inhouse
 - Outsource

Department

- **Type:** Dropdown





- **Source:** Import from **Department Master**
 - **Function:** Acts as a filter for available workers
 - **Editable:** Based on settings
-

Worker

- **Type:** Dropdown
 - **Source:** Import from **Worker Master**
 - **Filter Logic:** Filter workers by selected **Worker Type** and **Department**
-

Job List Table

Source:

- Displays pending Job Work items from selected **From Department** (not yet issued).

Selection Method:

- Rows are selectable via **Checkbox**.
- Multiple row selection allowed.

Auto Populated Fields on Row Selection:

- **Pending Order Pcs**
 - **Type:** Text Input
 - **Validations:** Numeric
 - **Editable:** No
 - **Functionality:** Auto-fetched count of pending jobs per selected worker
 - **Pending Order Gross Weight**
 - **Type:** Text Input
 - **Validations:** Numeric
 - **Editable:** No
 - **Functionality:** Auto-fetched gross weight total of pending jobs
-

Partial Job Work Issue

- Allow partial issue of items in a single transaction.
- **Editable Fields in Table Grid:**
 - **Pcs**
 - **Type:** Text Input
 - **Validation:** Numeric, required
 - **Weight**
 - **Type:** Text Input





- **Validation:** Numeric, required, must be > 0
- **Stone Weight**
 - **Type:** Text Input
 - **Validation:** Numeric
 - **Functionality:** Opens stone popup form if selected
- **Component Weight**
 - **Type:** Text Input
 - **Validation:** Numeric
 - **Functionality:** Opens component popup form if selected
- **Sample Checkbox**
 - **Type:** Checkbox
 - **Visibility:** Visible only if the selected job includes a sample and the sample is marked as "Used in Production"
 - **Functionality:** Indicates whether the selected job includes a sample item that is being used in the production process
- **Sample Edit Icon**
 - **Type:** Icon/Button
 - **Visibility:** Displayed only when the **Sample Checkbox** is selected
 - **Functionality:** Opens the **Sample Popup Form** to view or edit sample details related to the selected job

Production ID Splitting Logic:

- Original Production ID (e.g., P-1) is **auto-split** upon partial issuance:
 - First part issued → P-1.1
 - Second part issued → P-1.2
 - Third part issued → P-1.3
 - And so on...
- **Example Case:**
 - **Job Work Number:** 1
 - **Original Production ID:** P-1
 - **Total:** Pcs: 1, Weight: 55.000
 - Issue split into:
 - Worker A for Locket → P-1.1, Weight: 15.000
 - Worker B for Chain → P-1.2, Weight: 20.000
 - Worker C for Chain → P-1.3, Weight: 20.000
- **Validations:**
 - Issued quantity (weight) must not exceed the remaining unissued quantity.
 - Split Production IDs must be linked to the original Job Work Number for tracking.
 - Weight field must be greater than 0 to allow issue.





Action Buttons (Visible After Row Selection)

Submit

- **Type:** Button
- **Functionality:**
 - Issues the selected Job to the selected worker.
 - Deducts issued values from the **From Department** stock.
 - For **Job Work**, auto-generates new Production IDs based on partial splits (P-1.1, P-1.2, etc.).
 - Records transaction history (with timestamp, user, and destination worker info).

Clear

- **Type:** Button
- **Functionality:**
 - Clears all selected rows and resets form filters.
 - Refreshes the transaction table to its default state.

Notes & Validations

- If **no Job** is available for the selected **From Department**, display:
 - “No pending Job found for the selected From Department.”
- Ensure that issue records are **auditable and trackable** with time, user, and worker logs.
- **Split History Traceability:** All sub-Production IDs (P-1.1, P-1.2, etc.) should be traceable to the parent Production ID (P-1) in reports/logs.
- **UI Suggestion:** Highlight editable cells in the grid with input-style borders when Job Work is selected.

19 Job Movement Receipt

19.1 Purpose

The Job Movement Receipt Form is used to record the receipt of job work items from a worker (Inhouse or Outsource) back to a specific department. It ensures accurate tracking of completed or partially completed job work, validates the material return, calculates weights (including losses, wastages), and updates the department's stock and job progress accordingly.

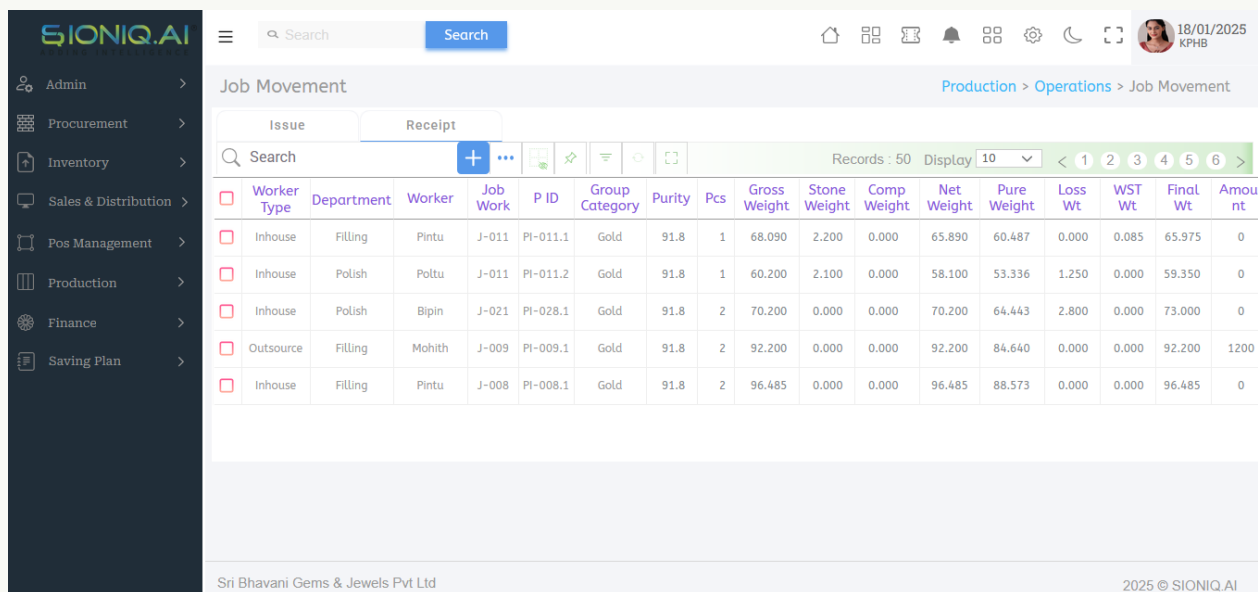
19.2 User Type

Registered Users, Admins.





19.3 Screen Layout



19.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Receipt Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each receipt record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Receipt Form**
 - Allows entry of new receipt data

: Action Button (Three Dots Menu)

Option: Print





- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Receipted", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

19.5 Screen Layout





19.6 UI Elements

Filter Section Fields

From Department

- **Type:** Dropdown
- **Source:** Department Master
- **Editable:** Based on login access and user role
- **Default Value:** Pre-selected department as per login settings

Worker Type

- **Type:** Dropdown
- **Options:**
 - Inhouse
 - Outsource

Worker

- **Type:** Dropdown
- **Source:** Worker Master
- **Filter Logic:** Displays workers based on selected **Worker Type** and **From Department**

Job List Table (Main View)

- **Source:**
 - Lists jobs pending for receipt filtered by selected **From Department** and **Worker**
- **Row Selection:**
 - Each row contains a checkbox
 - On checkbox click, the **Job Receipt Popup Form** is triggered for that job

Job Receipt Popup Form (Same as Case:1 Receipt Form)





Additional UI Elements:

Worker

- **Type:** Dropdown
- **Source:** Worker Master Table
- **Editable:** No
- **Validation:** Pre-Populated based on selection

20 Quality Check (QC)

20.1 Purpose

The QC Status function is used to mark production items as Approved, Rejected, or On Hold after inspection. Approved items move to the next department, ensuring workflow continuity. Rejected items are returned to the worker for correction or rework. On Hold items stay pending until further QC action is taken. This ensures proper tracking, control, and decision-making during quality checks.

20.2 User Type

Registered Users, Admins.

20.3 Screen Layout

RC Number	Group Category	Total Tags	Total Pcs	Gross Weight	Stone Weight	Net Weight	Status
QC-01	Gold	5	6	162.0...	32.200	129.880	Approved
QC-02	Gold	3	3	89.200	12.100	77.100	Approved
QC-03	Gold	2	4	73.200	23.100	50.100	Hold
QC-04	Gold	8	9	368.9...	54.520	314.405	Approved
QC-05	Gold	21	28	496.4...	74.240	422.245	Rejected

20.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **QC Form** in a modal or new section





- **Action Button**

- **Icon:** "..." (Three dots menu)
- **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each qc record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **QC Form**
 - Allows entry of new qc data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All





- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Finalized", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

20.5 Screen Layout

The screenshot displays the SIONIQ.AI Quality Check interface. It features a sidebar with navigation options: Admin, Procurement, Inventory, Sales & Distribution, Pos Management, Production, Finance, and Saving Plan. The main content area shows a table titled "Quality Check" with the following columns: Worker Type, Worker, Job Work, P ID, Design Number, Concept Number, Purity, Pcs, Gross Weight, Stone Weight, Comp Weight, Net Weight, and Image. The table contains five rows of data, with the first two rows having a green checkmark in the Worker Type column. The footer of the interface includes "Sri Bhavani Gems & Jewels Pvt Ltd" and "2025 © SIONIQ.AI".

Worker Type	Worker	Job Work	P ID	Design Number	Concept Number	Purity	Pcs	Gross Weight	Stone Weight	Comp Weight	Net Weight	Image	
<input checked="" type="checkbox"/>	Inhouse	Pintu	J-011	PI-011.1	VCT-M-001	--	91.8	1	68.090	2.200	0.000	65.890	
<input checked="" type="checkbox"/>	Inhouse	Poltu	J-011	PI-011.2	VCT-M-001/RE	--	91.8	1	60.200	2.100	0.000	58.100	
<input type="checkbox"/>	Inhouse	Bipin	J-021	PI-028.1	ANT-M-681	--	91.8	2	70.200	0.000	0.000	70.200	
<input type="checkbox"/>	Outsource	Mohith	J-009	PI-009.1	ANT-M-681/C	C-5	91.8	2	92.200	0.000	0.000	92.200	
<input type="checkbox"/>	Inhouse	Pintu	J-008	PI-008.1	--	C-1	91.8	2	96.485	0.000	0.000	96.485	

20.6 UI Elements

Table View – Pending QC List

This section presents a tabular view of all items currently awaiting QC (Quality Control). Users can review, filter, and update the QC status for each item using checkboxes and a status dropdown. The table supports batch processing via checkbox selection.

All pending Quality Check (QC) details will be displayed in the table. The data is fetched from the Quality Check Master.

- **Header Buttons**
 - **Search Option:** Positioned at the top left of the grid section
 - **Functionality:**





- Filters QC records using RC Number or Group Category.
- **Instant Updates:** Results shown in real-time upon typing.
- **Display Dropdown**
 - **Description:** Controls the number of rows shown per page
 - **Options:** Common choices (e.g., 5, 10, 25, 50, 100 rows per page).
 - **Functionality:**
 - **Functionality:** Adjusts the data grid to display selected rows per page for better viewing and performance.

UI Elements

- **Check Box:**
 - **Trigger:** When “Checkbox” is selected
 - **Behaviour:**
 - Users can select multiple items using the checkboxes.
 - Only selected rows are processed during submission.
 - Table remains read-only except for checkbox interaction.
- **Fields Displayed (All Pulled from Masters)**
 - **Worker Type** – In house or outsource, based on Worker Master.
 - **Worker Name** – Retrieved from the Worker Master.
 - **Job Work** – Unique job code linked with Production tasks.
 - **P ID** – Production Identifier from the Production Master.
 - **Design Number** – Sourced from the Design/CAD Master.
 - **Concept Number** – Optional conceptual reference from Concept Master.
 - **Purity** – Metal purity (e.g., 91.8), fetched from Metal Master.
 - **Pcs** – Quantity of items submitted for QC.
 - **Gross Weight** – Total weight before any deductions.
 - **Net Weight** – Net value-driving weight after deductions.
 - **Stone Weight** – Pulled from the Stone Master.
 - **Component Weight** – Additional component weights if applicable.
 - **Image** – Product preview image from the Design/CAD Master.
 - **Note:** Only pending QC entries are displayed in this table. All data is securely stored and managed in the **Quality Check Master**, ensuring reliable reference and streamlined validation.
- **Status:** Located at the bottom of the table
 - **Type:** Dropdown
 - **Available options:**
 - **Approve** → Moves the entry to the next department





- **Reject** → Sends the entry back to the worker
- **Hold** → Keeps the entry in a hold state
- **Mandatory:** Yes
- **Description:**
 - **Type:** Textbox
 - **Source:**
 - Users can enter remarks or comments for the selected entries
 - The description is saved and linked with the corresponding status update
- **Submit:** Button to finalize and submit the selected QC items.
 - **Action:** Finalizes and saves the data to the system.
 - **Validation:** Ensures mandatory fields (e.g., selected items, status, description) are filled.
 - **Mandatory:** Yes
- **Clear:** Button to reset all input fields to default values.
 - **Action:** Clears all inputs and selections to default.
 - **Usage:** Used to start a new entry
 - **Mandatory:** No
- **Previous Button:** (← Icon at the top-left): Navigates to the previous screen or module.
 - **Action:** Redirects without saving current form data.
 - **Mandatory:** No

21 Job Finalize

21.1 Purpose

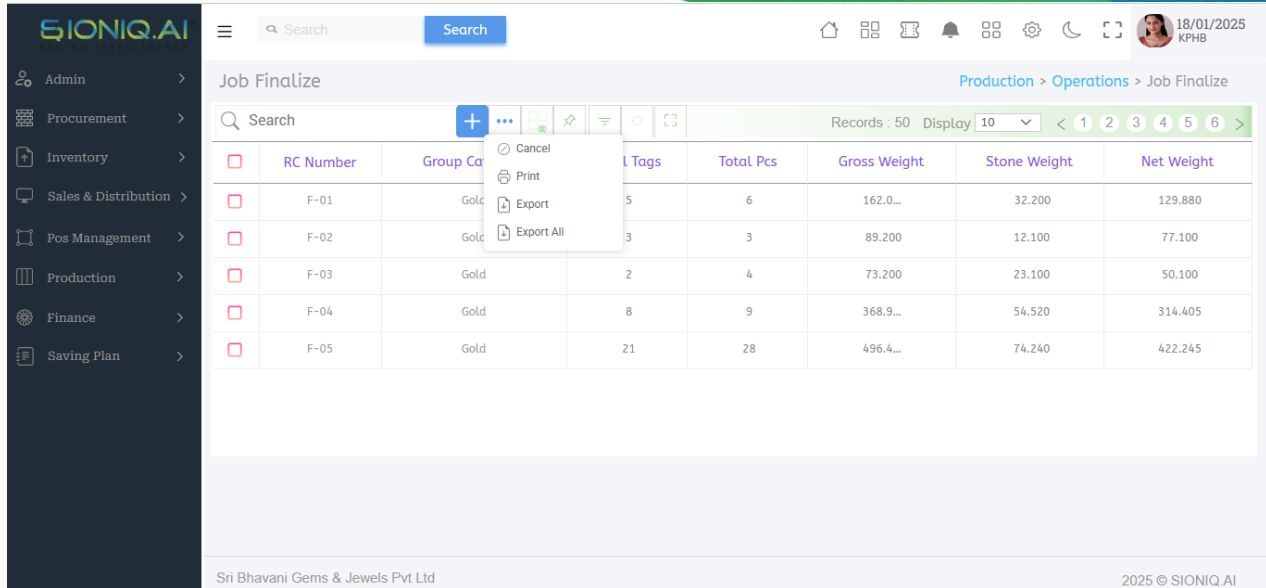
The Job Work Finalize Form is used to complete and finalize job work transactions after successful Quality Check (QC). This form verifies the received stock against expected values, ensures all job components are accounted for, and generates final tags based on product and tagging requirements. It serves as the last step in the job work cycle, confirming completion and preparing items for sale, inventory, or further processing.

21.2 User Type

Registered Users, Admins.

21.3 Screen Layout





21.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Job Finalize Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All

Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each receipt record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Job Finalize Form**
 - Allows entry of new receipt data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**





- If checkboxes are selected, generate a print format for selected records
- If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

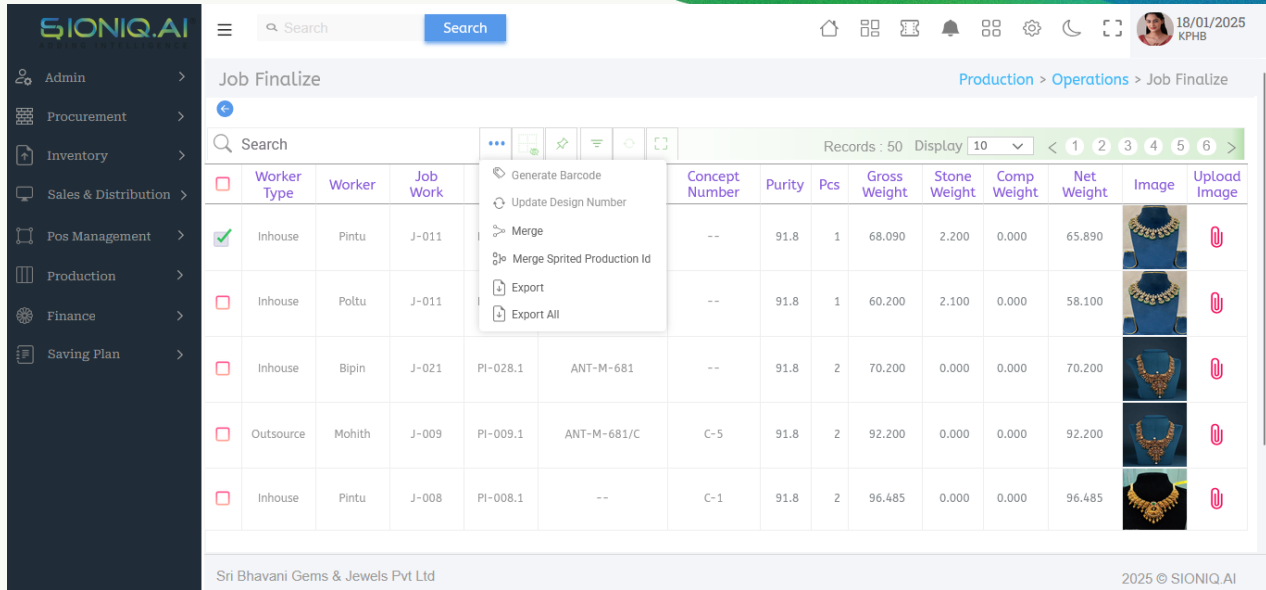
- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.
- Status should reflect values like "Finalized", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

21.5 Screen Layout





21.6 UI Elements

Tabular Grid

- **Description:** The "Barcode Generation Actions" section features a tabular grid that displays a filtered set of job work records eligible for barcode generation. These records meet specific criteria: they are related to Issue/Receipt, Job Movement, and Department Job Works that have been moved to "Job Finalize" status and have a Quality Control (QC) status of "Approved".

UI Elements and Functionality

Actions

Generate Barcode

- UI Element: Button
- Label: "Generate Barcode".
- Description: When one or more job work records are selected in the tabular grid, clicking this button will trigger the display of the "Generate Type" dropdown menu.

Generate Type

- UI Element: Dropdown menu
- Label: "Generate Type".
- Options: "Normal", "Set Tag".
- Description:
 - **Option 1:** Normal
 - **Description:** If the user selects "Normal" and proceeds to click the "Submit" button, the system will generate a unique barcode for each of the individually selected job work records.
 - **Option 2:** Set Tag





- **Description:** If the user selects "Set Tag", the system will then display the "Set Tag Type" dropdown menu (refer to section Set Tag).

Set Tag Type

- UI Element: Dropdown menu
- Label: "Set Tag Type".
- Options: "Jobwise", "P.ID Wise", "Selected".

Option: Jobwise

- **Description:** Selecting "Jobwise" will display a table below the selection area, listing the split job works associated with the selected main job work(s). The table will include the following columns: "Job Work", "Production ID (P.ID)", "Total Gross Weight", "Stone Weight", "Component Weight", "Net Weight", "Pcs (Pieces)", and "Primary P.ID".
- **Job Work**
 - Type: Dropdown menu
 - Editable: No
 - Description: Displays the identifiers of the split job works. The options in the dropdown are populated based on the split job works of the initially selected record(s).
- **Production ID (P.ID)**
 - UI Element Type: Dropdown menu
 - Editable: No
 - Description: Displays the production IDs associated with the corresponding split job works. The options are populated based on the split job works.
- **Total Gross Weight**
 - UI Element Type: Text field
 - Editable: No
 - Description: Displays the calculated sum of the gross weights of all the displayed split job works.
- **Stone Weight**
 - UI Element Type: Text field
 - Editable: No
 - Description: Displays the calculated sum of the stone weights of all the displayed split job works.
- **Component Weight**
 - UI Element Type: Text field
 - Editable: No
 - Description: Displays the calculated sum of the component weights of all the displayed split job works.
- **Net Weight**
 - UI Element Type: Text field
 - Editable: No





- Description: Displays the calculated sum of the net weights of all the displayed split job works.
- **Pcs (Pieces)**
 - UI Element Type: Text field
 - Editable: Yes
 - Description: Displays the calculated sum of the number of pieces for all the displayed split job works. Users can modify this value.
- **Primary P.ID**
 - UI Element Type: Dropdown menu
 - Editable: Yes
 - Description: Displays the primary production ID associated with one of the split job works. Users can select a different primary P.ID from the available options.

QC Check: If the system setting for QC validation is enabled, and any of the displayed split job works have a pending QC status, the barcode generation process will be halted. A pop-up message will be displayed to the user: "Splitted Job work is pending in Qc."

Submit

- UI Element Type: Button
- Validation: Performs checks to ensure all mandatory fields (to be specifically defined) have been completed.
- Functionality: Initiates the barcode generation process based on the "Jobwise" selection. For example, if a Production ID has three split job works, the system will generate three individual barcodes for these split jobs and one main barcode that links them together under the specified primary P.ID (if the system logic requires a main barcode in this scenario).

Clear

- UI Element Type: Button
- Functionality: Resets the "Set Tag Type" dropdown to its default state and clears any split job work details displayed in the table.

Option: P.ID Wise

- **Description:** Selecting "P.ID Wise" will display a table below the selection area, listing the split production IDs. The table will include the following columns: "Job Work", "Production ID (P.ID)", "Total Gross Weight", "Stone Weight", "Component Weight", "Net Weight", "Pcs (Pieces)", and "Primary P.ID".

1. Job Work

- UI Element Type: Dropdown menu





- Editable: No
- Description: Displays the job works associated with each split production ID.

2. Production ID (P.ID)

- UI Element Type: Dropdown menu
- Editable: No
- Description: Displays the split production IDs.

3. Total Gross Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the gross weights of all job works associated with the respective split production ID.

4. Stone Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the stone weights of all job works associated with the respective split production ID.

5. Component Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the component weights of all job works associated with the respective split production ID.

6. Net Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the net weights of all job works associated with the respective split production ID.

7. Pcs (Pieces)

- UI Element Type: Text field
- Editable: Yes
- Description: Displays the calculated sum of the number of pieces for all job works associated with the respective split production ID. Users can modify this value.

8. Primary P.ID





- UI Element Type: Dropdown menu
- Editable: Yes
- Description: Displays the primary production ID of one of the job works associated with the respective split production ID. Users can select a different primary P.ID from the available options.

QC Check: If the system setting for QC validation is enabled, and any job work associated with the displayed split production IDs has a pending QC status, the barcode generation process will be halted. A pop-up message will be displayed to the user: "Splitted P.ID is pending in Qc."

15. Submit

- UI Element Type: Button
- Validation: Performs checks to ensure all mandatory fields (to be specifically defined) have been completed.
- Functionality: Initiates the barcode generation process based on the "P.ID Wise" selection. For example, if a Production ID has three split job works, the system will generate three individual barcodes for these split jobs and one main barcode that links them together under the selected primary P.ID.

16. Clear

- UI Element Type: Button
- Functionality: Resets the "Set Tag Type" dropdown to its default state and clears any split production ID details displayed in the table.

Option: Selected

- **Description:** Selecting "Selected" will display the job works that were initially selected in the tabular grid. The table will include the following columns: "Job Work", "Production ID (P.ID)", "Total Gross Weight", "Stone Weight", "Component Weight", "Net Weight", "Pcs (Pieces)", and "Primary P.ID".

Total Gross Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the gross weights of the currently selected job works.

Stone Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the stone weights of the currently selected job works.

Component Weight

- UI Element Type: Text field





- Editable: No
- Description: Displays the calculated sum of the component weights of the currently selected job works.

Net Weight

- UI Element Type: Text field
- Editable: No
- Description: Displays the calculated sum of the net weights of the currently selected job works.

Pcs (Pieces)

- UI Element Type: Text field
- Editable: Yes
- Description: Displays the calculated sum of the number of pieces for the currently selected job works. Users can modify this value.

Primary P.ID

- UI Element Type: Dropdown menu
- Editable: Yes
- Description: Displays the primary production ID of one of the currently selected job works. Users can select a different primary P.ID from the available options.

15. Submit

- UI Element Type: Button
- Validation: Performs checks to ensure all mandatory fields (to be specifically defined) have been completed.
- Functionality: Initiates the barcode generation process based on the "Selected" option. For example, if the user selected two job works, the system will generate two separate barcodes (one for each job work) and one main barcode that associates these two jobs works.

16. Clear

- UI Element Type: Button
- Functionality: Deselects any currently selected job works in this section and clears any displayed details.

Update Design

UI Element: Button labeled "Update Design".

- **Description:** This button will be enabled only when exactly one job work record is selected in the main tabular grid (Section 3.1). If zero or more than one record is selected, this button will be





disabled. Clicking this button will display a section with fields allowing users to update design-related information for the selected job work.

1. Job Work

- UI Element Type: Dropdown menu
- Editable: No
- Description: Displays the identifier of the currently selected Job Work.

2. Production ID (P.ID)

- UI Element Type: Dropdown menu
- Editable: No
- Description: Displays the Production ID associated with the currently selected Job Work.

3. Group Category

- UI Element Type: Dropdown menu
- Editable: No
- Description: Displays the Group Category of the currently selected Job Work.

4. Category

- UI Element Type: Dropdown menu
- Data Source: Category Table
- Editable: Yes
- Description: Displays the current Category of the selected Job Work. Users can select a different category from the available options in the "Category Table".

5. Article 1

- UI Element Type: Dropdown menu
- Data Source: Article 1 Table
- Editable: Yes
- Description: Displays the current Article 1 of the selected Job Work. Users can select a different article from the available options in the "Article 1 Table".

6. Article 2

- UI Element Type: Dropdown menu
- Data Source: Article 2 Table
- Editable: Yes
- Description: Displays the current Article 2 of the selected Job Work. Users can select a different article from the available options in the "Article 2 Table".

7. Design Number





- UI Element Type: Dropdown menu
- Data Source: Design Master Table
- Options: Includes a list of existing design numbers from the "Design Master Table" and an option to "Add New" design. Selecting "Add New" may navigate the user to a separate form for creating a new design (the specifics of this are outside the current scope).
- Description: Displays the current Design Number associated with the selected Job Work. Users can select an existing design or choose to add a new one.

8. Add Variant (Optional)

- UI Element Type: Checkbox
- Functionality:
 - Checked: Enables the "Variant Type" and "Variant" dropdown menus (visibility based on settings in the design code setup master).
 - Unchecked: Disables the "Variant Type" and "Variant" dropdown menus.

9. Variant Type

- UI Element Type: Dropdown menu
- Data Source: Variant Type Table
- Functionality: Filters the options available in the "Variant" dropdown menu based on the selected variant type.

10. Variant

- UI Element Type: Dropdown menu
- Data Source: Variant Table
- Functionality: Allows the user to select a specific variant for the chosen combination of design and variant type.

11. Upload Image

- UI Element Type: File Upload control.
- Functionality: Enables the user to upload image files related to the job work or design. Uploaded images will be displayed below the upload control.

15. Submit

- UI Element Type: Button
- Validation: Performs checks to ensure all mandatory fields (to be specifically defined, likely including Category, Article(s), and Design Number) are filled.
- Functionality: Updates the design-related information for the selected job work in the "Design Master" table.





16. Clear

- UI Element Type: Button
- Functionality: Resets all the fields in the "Update Design" section to their initial or default states.

Merge

- UI Element: Button labeled "Merge".
- Description: When users select two or more job work records and click "Merge", the system will display a section with merged details of the selected job works.

Total Gross Weight

- UI Element Type: Text field
- Editable: No
- Description: Shows the sum of the gross weights of the selected job works.

Used Sample Weight

- UI Element Type: Checkbox & Text field
- Editable: No
- Description: Shows the sum of the used sample weights of the selected job works.

Component Net Weight

- UI Element Type: Checkbox & Text field
- Editable: No
- Description: Shows the sum of the component net weights of the selected job works.

Stone Weight

- UI elements: Checkbox & Text
- Editable: No
- Description: Shows the sum of selected job works used Stone Weight.

Net Weight

- UI Element: Text
- Editable: No
- Description: Shows the sum of selected job works Net Weight.

Pcs

- UI Element: Text
- Editable: Yes
- Description: Shows the sum of selected job works Pcs, and it is editable if the user wants to change the pcs.





Primary P.ID

- Ui Element: Dropdown
- Editable: Yes
- Description: Shows one of the selected job work's p.id. It is editable if the user wants to change the Primary P.ID.

15. Submit

- Ui element: Button
- Validation: Mandatory field check
- Function: Need to Save multiple selected job works into a single one based on the selected primary P.Id.

16. Clear

- Ui element: Button
- Function: Resets form.

Merge Splited Production Id

UI Element: Button

Description: Without selection of job works, if the user clicks on "Merge Splited Production Id", the system will show only splitted production ids with the sum of each production id (Job work, P.ID, Total Gross weight, stone weight, comp weight, net weight, pcs, and primary P.ID).

1. Job work

- Type: Dropdown
- Editable: No
- Description: On the basis of Splitted Production IDs, it shows job works.

2. Production ID

- Type: Dropdown
- Editable: No
- Description: On the basis of Splitted Production IDs, it shows Production ID.

3. Total Gross Weight

- Ui Element: Text
- Editable: No
- Description: Shows the sum of Splitted Production IDs Gross weight.

4. Stone Weight





- Ui elements: Checkbox & Text
- Editable: No
- Description: Shows the sum of splitted production IDs Stone Weight.

5. Component Weight

- Ui elements: Checkbox & Text
- Editable: No
- Description: Shows the sum of splitted production IDs Component weight.

6. Net Weight

- Ui Element: Text
- Editable: No
- Description: Shows the sum of splitted production ids Net Weight.

7. Pcs

- Ui Element: Text
- Editable: Yes
- Description: Shows the sum of splitted production ids Pcs, and it is editable if the user wants to change the pcs.

8. Primary P.ID

- Ui Element: Dropdown
- Editable: Yes
- Description: Shows the splitted production ID. It is editable if the user wants to change the Primary P.ID.

9. Submit

- Ui element: Button
- Validation: Mandatory field check
- Function: Need to Save multiple splitted production ids into a single one based on the selected primary P.Id.

10. Clear

- Ui element: Button
- Function: Resets form.

This version should now be free of both asterisks and hash symbols. Let me know if you need any other adjustments!



22 Settlement

22.1 Purpose

The Settlement Form is used to reconcile job work transactions between departments or with workers over a specified period. Based on the selected From and To dates, it automatically fetches all issued, received, and cleared weights, calculates the pending balance, deducts configured wastage, and identifies the difference. This difference weight is then settled either through return, replacement, or financial adjustment based on the selected settlement method. The form ensures accurate closure of outstanding job work and maintains material accountability.

22.2 User Type

Registered Users, Admins.

22.3 Screen Layout

RC No	Worker Type	Department	Settlement On	From Date	To Date & Time	Difference Pure Weight	Settlement Type	Amount
S-1	Inhouse	Filling	Purity Wise	31/03/2025 19:30	30/04/2025 19:30	9.087	Metal Convert to Amount	78148
S-2	Inhouse	Polish	Pure Weight Wise	31/03/2025 19:30	30/04/2025 19:30	2.031	Metal Convert to Amount	17.466
S-3	Inhouse	Polish	Pure Weight Wise	31/03/2025 19:30	30/04/2025 19:30	1.860	Metal Convert to Amount	15996
S-4	Outsource	Filling	Pure Weight Wise	31/03/2025 19:30	30/04/2025 19:30	7.020	Metal Convert to Amount	60372
S-5	Inhouse	Filling	Pure Weight Wise	31/03/2025 19:30	30/04/2025 19:30	2.150	Metal Convert to Amount	18490

22.4 UI Elements

Header Section

- **Add Button**
 - **Icon:** "+"
 - **Function:** Opens the **Settlement Form** in a modal or new section
- **Action Button**
 - **Icon:** "..." (Three dots menu)
 - **Function:** Opens an action menu with the following options:
 - Print
 - Cancel
 - Export
 - Export All



Table Section

- **Checkbox Column**
 - Allows multi-selection of records for actions (Print, Cancel, Export)
- **RC Number**
 - Unique reference code for each settled record

Button Functionalities

+ Add Button

- **Action:**
 - Opens the **Settlement Form**
 - Allows entry of new receipt data

: Action Button (Three Dots Menu)

Option: Print

- **Action:**
 - If checkboxes are selected, generate a print format for selected records
 - If no record is selected, show a warning message: *"Please select at least one record to print."*

Option: Cancel

- **Action:**
 - If one or more records are selected, show a confirmation popup:
Are you sure you want to cancel the selected record(s)?
 - **Yes:**
 - Cancel selected records
 - **Permission Check:** Only users with the appropriate role/permission can cancel
 - **No:**
 - Close popup, do not take action
- **If no record is selected:**
 - Show a message: *"Please select record(s) to cancel."*

Option: Export

- **Action:**
 - Exports **only selected records**
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)
 - If no record is selected, show message: *"Please select record(s) to export."*

Option: Export All

- **Action:**
 - Exports **all records in the table**, regardless of checkbox selection
 - **Format Options:** Excel (.xlsx), CSV (.csv), PDF (.pdf)

Behavioral Notes

- Table should support pagination and search/filter options.





- Status should reflect values like "Settle", "Cancelled", etc.
- Cancelled records should be marked visually (e.g., strikethrough or status colour).
- Print format should follow predefined document layout including all relevant fields.
- Export should respect user's export rights (if permissions are role-based).

22.5 Screen Layout

The screenshot shows the 'Settlement' form in the SIONIQ.AI application. The form is organized into several sections:

- Header:** Includes the SIONIQ.AI logo, a search bar, and navigation icons. The user profile shows '18/01/2025 KPHB'.
- Breadcrumbs:** Production > Operations > Settlement
- Form Fields:**
 - Worker Type: Inhouse Worker (dropdown)
 - Department: Casting (dropdown)
 - Worker: Pintu (dropdown)
 - Group Category: Gold (dropdown)
 - Settlement On: Pure Weight Wise (dropdown)
 - From Date & Time: 31/03/2025 19:30
 - To Date & Time: -- : --
 - Get button
 - Total Issue Pure Weight: 1952.935
 - Total Receipt Pure Weight: 1914.875
 - Total Clearance Pure Weight: 37.877
 - Balance Pure Weight: 0.184
 - Edit Metal Type:
 - Wastage Pure Weight: 7.572
 - Loss Pure Weight: 1.698
 - Stone Wastage Pure Weight: 0.000
 - Difference Pure Weight: 9.087
 - Total Making Amount: 0
 - Settlement Type: Select (dropdown)
 - Gross Weight:
 - Purity: Select (dropdown)
 - Pure Weight:
 - Description: Write Here... (text area)
 - Add button
- Footer:** Sri Bhavani Gems & Jewels Pvt Ltd | 2025 © SIONIQ.AI

22.6 UI Elements

1. Worker Type Selection:

- **Ui Element:** Dropdown
- **Source:** Static fields
- **Options:** Inhouse Worker, Outsource Worker
- **Functionality:**
 - Selecting "Inhouse Worker" reveals "Department" and "Worker" dropdowns.
 - Selecting "Outsource Worker" reveals only the "Worker" dropdown.

2. Inhouse Worker Flow:

- **Department:**
 - **Ui Element:** Dropdown
 - **Source:** Department Table
 - **Functionality:** Filters the "Worker" dropdown based on the selected department.
- **Worker:**
 - **Ui Element:** Dropdown





- **Source:** Worker Table
- **Functionality:** Allows the user to select an inhouse worker for settlement.

3. Outsource Worker Flow:

- **Worker:**
 - **Ui Element:** Dropdown
 - **Source:** Worker Table
 - **Functionality:** Allows the user to select an outsource worker for settlement.

4. Common UI Elements:

- **Group Category:**
 - **Ui Element:** Dropdown
 - **Source:** Category Table
 - **Functionality:** Filters based on the issued metal of the selected worker.
- **Settlement On:**
 - **Ui Element:** Dropdown
 - **Source:** Static Fields
 - **Options:** Purity wise, Pure weight wise
 - **Functionality:** Determines the subsequent fields displayed. "Pure weight wise" flow is stated to be the same as "Purity wise" after this selection.

5. Purity Wise Flow:

- **Purity:**
 - **Ui Element:** Dropdown
 - **Functionality:** Displays purities based on the issued metal to the selected worker.
- **From Date & Time:**
 - **Ui Element:** Date Picker
 - **Functionality:** Defaults to the last settlement date/time or the first issued date/time for the initial settlement.
- **To Date & Time:**
 - **Ui Element:** Date Picker
 - **Functionality:** Allows the user to select the end date and time for the settlement period.
- **Get:**
 - **Ui Element:** Button
 - **Functionality:** Triggers the display of related fields based on the selected criteria.
- **Total Issue Weight:**
 - **Ui Element:** Text





- **Editable:** No
- **Functionality:** Automatically calculates the sum of issued weight within the selected date range.
- **Total Receipt Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Automatically calculates the sum of receipted weight within the selected date range.
- **Total Clearance Weight:**
 - **Ui Element:** Checkbox & Text
 - **Editable Text:** No
 - **Editable Checkbox:** Yes
 - **Functionality Checkbox:**
 - **Checked:** Opens the "Clearance Weight" form displaying "Group Category," "Metal Type," "Purity," and "Clearance Type."
 - **Unchecked:** Skips the clearance form.

6. Checked Flow (Clearance Form):

- **Group Category:**
 - **Ui Element:** Dropdown
 - **Functionality:** Filters and displays based on the metal issued group categories for the selected worker.
- **Metal Type:**
 - **Ui Element:** Dropdown
 - **Functionality:** Filters and displays based on the selected "Group Category" and worker.
- **Purity:**
 - **Ui Element:** Dropdown
 - **Functionality:** Filters and displays based on the selected "Metal Type," "Group Category," and worker.
- **Clearance Type:**
 - **Ui Element:** Dropdown
 - **Options:** Bulk, Advance metal, Jobwise
 - **Functionality:** Allows the user to select the type of clearance transaction.

7. Bulk and Advance Metal Flow (Within Clearance Form):

- **Gross Weight:**
 - **Ui Element:** Text





- **Editable:** Yes
- **Description:** User enters the gross weight of the clearance.
- **Stone Weight:**
 - **Ui Element:** Checkbox & Text
 - **Editable Checkbox:** Yes
 - **Editable Text:** No
 - **Functionality Checkbox:**
 - **Checked:** Opens the "Stoned Receipt" tabular form.
 - **Unchecked:** Proceeds to the next step.

8. Stoned Receipt Tabular Form (If Stone Weight Checkbox is Checked):

- **Ui Element:** Table
- **Description:** Displays pending for receipt stones details for the selected worker.
 - Allows selection and submission of stones.
 - Allows selection, editing of pieces (pcs) and weight, and submission of stones.
 - Only selected and submitted stones will be cleared and their weight added to "Stone Weight."
- **Functionality Text (Stone Weight):** Automatically adds the weight of the added stone details.
- **Net Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates (Gross weight - Stone Weight).
- **Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates (Net Weight * Purity %).
- **Submit (Clearance Form):**
 - **Ui Element:** Button
 - **Description:** Saves the clearance data, closes the "Clearance Form," and opens the "Settlement Form."
- **Cancel (Clearance Form):**
 - **Ui Element:** Button
 - **Description:** Closes the "Clearance Form" and opens the "Settlement Form."

9. Functionality Text (Settlement Form):

- **Total Pure Weight:**





- Auto calculates the sum of total clearance pure weight between the selected days.
- **Balance Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates (Total issue pure weight - Total Receipt Pure Weight - Total Clearance Pure Weight).
- **Edit Metal Type:**
 - **Ui Element:** Checkbox
 - **Functionality:**
 - **Checked:** Opens the "Metal Type Wastage and Loss Edit Form."
 - **Unchecked:** Proceeds to the next step.
 - **Note 1:** Disabled based on "Rc wise metal settlement setting."
 - **Note 2:** Enabled/disabled based on "Wastage and loss master."

10. Metal Type Wastage and Loss Edit Form (If Edit Metal Type Checkbox is Checked):

- **Ui Element:** Table
- **Description:**
 - Displays table with "Metal Category," "Balance Weight," "Balance Pure Weight," "Wastage," "Wastage Weight," "Wastage Pure Weight," "Loss," "Loss Weight," and "Loss Pure Weight."
 - Allows users to edit values in the "Wastage" and "Loss" columns.
- **Submit (Edit Metal Type Form):**
 - **Ui Element:** Button
 - **Description:** Saves the edited metal type data, closes the "Metal Type Form," and opens the "Settlement Form."
- **Cancel (Edit Metal Type Form):**
 - **Ui Element:** Button
 - **Description:** Closes the "Metal Type Form" and opens the "Settlement Form."

11. Settlement Form - Calculations:

- **Wastage Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates based on receipts between the selected days.
- **Loss Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No





- **Functionality:** Auto calculates based on receipts between the selected days.
- **Stone Wastage Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates based on receipts between the selected days.
- **Difference Pure Weight:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates (Balance Pure Weight - Wastage Pure Weight - Loss Pure Weight - Stone wastage pure weight).
- **Total Making Amount:**
 - **Ui Element:** Text
 - **Editable:** No
 - **Functionality:** Auto calculates from the selected period for the worker.

12. Settlement Type Selection:

- **Ui Element:** Dropdown
- **Options:** Carry Forward, Deferral Metal, Metal Issue, Metal Return, Metal convert to amount, Amount convert to metal
- **Functionality:** Allows the user to select one or more settlement types.

13. If user selects Carry Forward, Deferral Metal, Metal Issue:

- **Gross weight**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** User can enter the Carry forward or Deferral Metal or Metal Issue weight
- **Purity**
 - **Ui element:** Text
 - **Source:** Purity Table
- **Pure weight**
 - **Ui element:** Text
 - **Editable:** No
 - **Functionality:** Auto Calculate (Gross weight * Purity % = Pure weight)
- **Description**
 - **Ui element:** Text
 - **Functionality:** User can enter Remarks





- **Add**
 - **Ui element:** Button
 - **Functionality:** if user click on Add then data will add on below table

13. If user selects Metal Return

- **Gross weight**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** User can enter the Metal Return weight
- **Purity**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** User can enter the Purity% of the metal he is returning.
- **Pure weight**
 - **Ui element:** Text
 - **Editable:** No
 - **Functionality:** Auto Calculate (Gross weight * Purity % = Pure weight)
- **Description**
 - **Ui element:** Text
 - **Functionality:** User can enter Remarks
- **Add**
 - **Ui element:** Button
 - **Functionality:** if user click on Add then data will add on below table

13. If user selects Metal Convert to Amount

- **Gross weight**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** User can enter the Metal Convert to amount weight.
- **Purity**
 - **Ui element:** Text
 - **Source:** Purity Table
- **Pure weight**
 - **Ui element:** Text
 - **Editable:** No





- **Functionality:** Auto Calculate ($\text{Gross weight} * \text{Purity \%} = \text{Pure weight}$)
- **Rate**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** user can enter the Conversion rate.
- **Amount**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** Auto Calculate ($\text{Amount} = \text{Pure weight} * \text{Rate}$).
- **Description**
 - **Ui element:** Text
 - **Functionality:** User can enter Remarks
- **Add**
 - **Ui element:** Button
 - **Functionality:** if user click on Add then data will add on below table

13. If user selects Metal Convert to Amount

- **Amount**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** User can enter the Converted Amount.
- **Rate**
 - **Ui element:** Text
 - **Editable:** Yes
 - **Functionality:** user can enter the Conversion rate.
- **Pure weight**
 - **Ui element:** Text
 - **Editable:** No
 - **Functionality:** Auto Calculate ($\text{Amount} * \text{Rate} = \text{Pure weight}$)
- **Description**
 - **Ui element:** Text
 - **Functionality:** User can enter Remarks
- **Add**
 - **Ui element:** Button





- **Functionality:** if user click on Add then data will add on below table

14. Tabular View (Settlement Form):

- **Description:** Displays all added settlement type records in a table.

15. Final Actions (Settlement Form):

- **Submit:**
 - **Ui Element:** Button
 - **Validation:** Checks if $(\text{Balance Pure Weight} - \text{Total Settlement Pure Weight}) = 0$. Saves data only if the validation passes.
 - **Description:** Saves the settlement data.
- **Clear:**
 - **Ui Element:** Button
 - **Description:** Clears all settlement data and refreshes the form.

