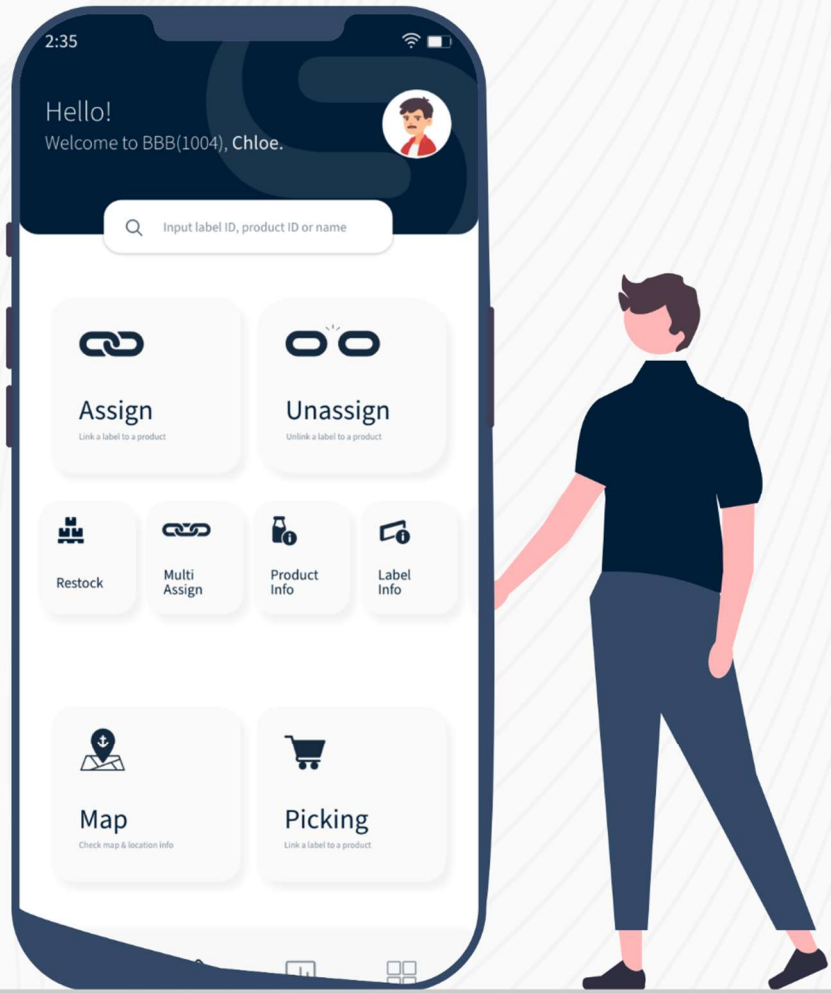
SOLUM

Aims Manager

User Guide



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V1.1	28-02-25	Updated Waste Prevention, Multi-Product Assign, and AIMS Manager Device Limit
V1.2	12-03-25	Added Sensor and Power Rail
V1.3	05-05-25	Added Q1 Release Updates.

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1 Preface

1.1About this Guide

This guide explains how to use the AIMS Manager effectively, with step-by-step instructions supported by snapshots and clear descriptions. It focuses on daily operations and tasks but does not cover the installation or setup of the AIMS SaaS dashboard.

1.2Who Should Use This Guide

This guide is designed for:

- Store managers
- Store associates
- Staff responsible for monitoring and managing the ESL (Electronic Shelf Label) store inventory

1.3Additional Resources

For details about setting up and configuring the AIMS SaaS dashboard, refer to the **SaaS Dashboard User Manual**.

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2 Getting Started

2.1What is an AIMS Manager

The AIMS Manager is a mobile application available for Android and iOS, developed by SOLUM for its customers. The app is primarily used to assign and unassign products (referred to as articles) to SOLUM Electronic Shelf Labels (ESLs). This guide provides step-by-step instructions to help you perform these tasks efficiently.

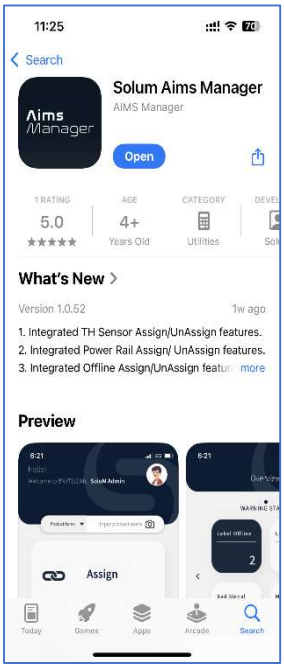
AIMS Manager Device Limit

- Users can access AIMS Manager on up to 3 devices by default.
- The admin can modify this limit based on user requirements.

2.2How to Install AIMS Manager

2.2.1 For Apple Devices:

Open the App Store, search for **"AIMS Manager"**, and tap **Install** to download the app. Click **Open** once the download is complete.



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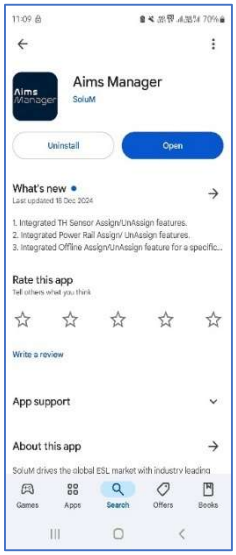
2.2.2 For Android Devices:



Open the Google Play Store, search for **"AIMS Manager"**, and tap **Install** to download the app. Click **Open** once it is completed.

After Installation, a shortcut should be seen below,

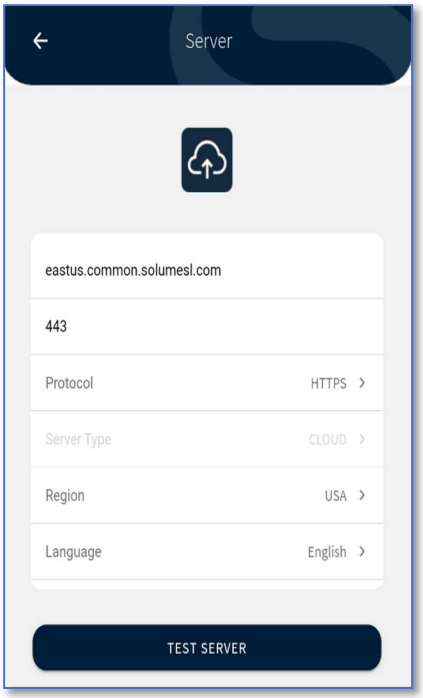
3 AIMS Manager Setup

After installing and opening the app on your device, the first step is to set up the server. Once the server is added, users can log in to the app.

3.1 Server Setup

3.1.1 Manual-Server Input

Input the following information for AIMS SaaS US Deployment.



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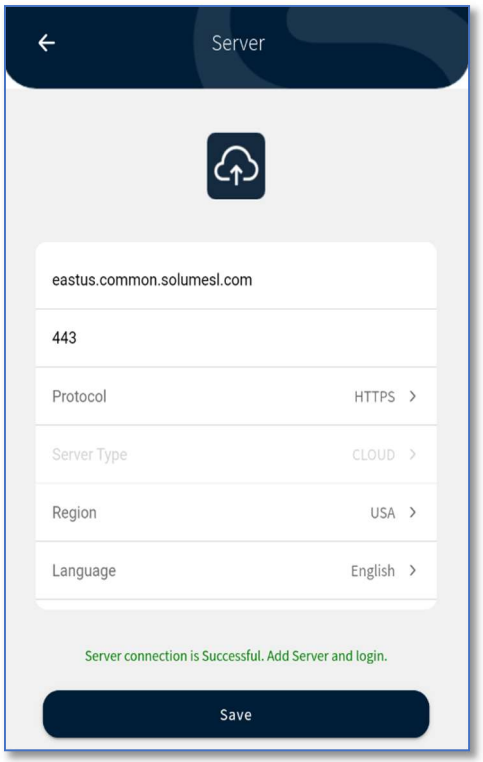
IP Address/Domain	eastus.common.solumesl.com
Port Number	443
Protocol	HTTPS
Server Type	CLOUD
Region	USA
Language	English, German, Polish

Click **'TEST SERVER'** and after the connection test is successful, click **'Save'.**



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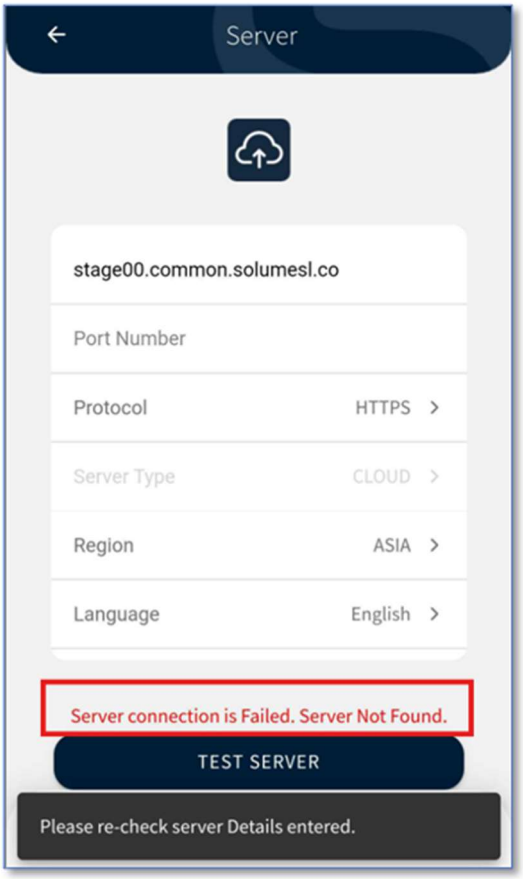
If the input values are incorrect, you will see a message saying, **"Server connection failed. Server not found."** Double-check the values in the table provided in this section. If the problem continues, ensure your device is connected to the internet. If the issue still isn't resolved, please contact SOLUM for assistance.



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3.1.2 QR Code Registration

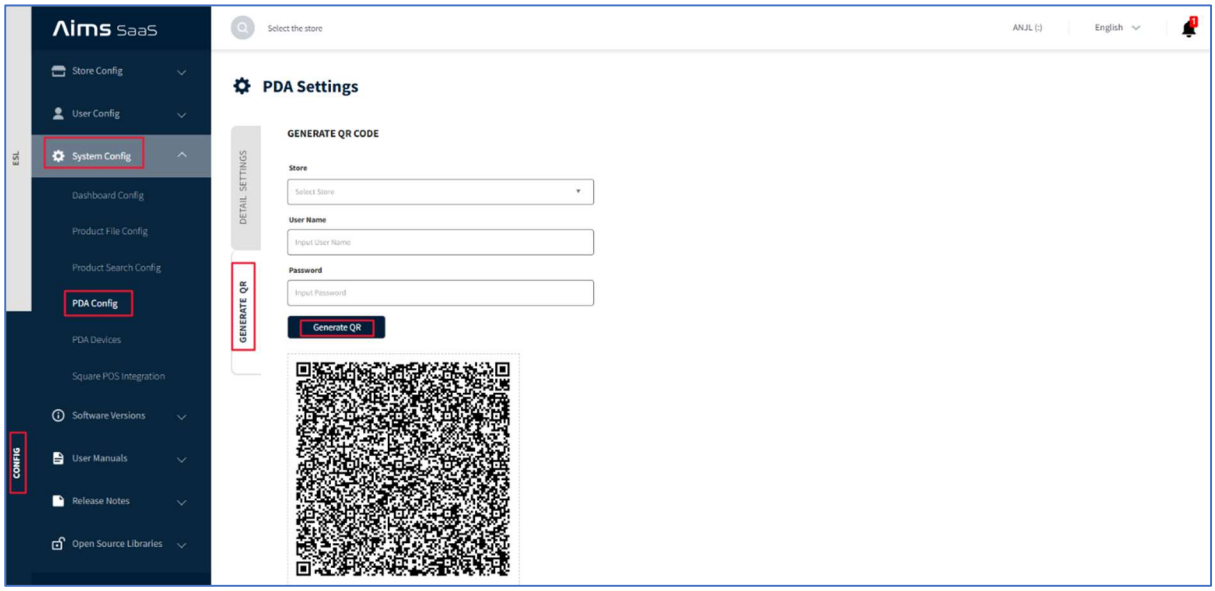
Admin users can register the app using a QR code generated from the AIMS Dashboard. Follow these steps to generate the QR code:

1. Log in to the AIMS SaaS Dashboard.
2. Navigate to:

   Dashboard > CONFIG > System Config > PDA Config > GENERATE QR.
3. Enter the required information (optional).

   If no information is entered, the QR code will include only the server details and exclude user-specific details.
4. Click **Generate QR** to create the code.

The generated QR code can then be scanned to register the app.



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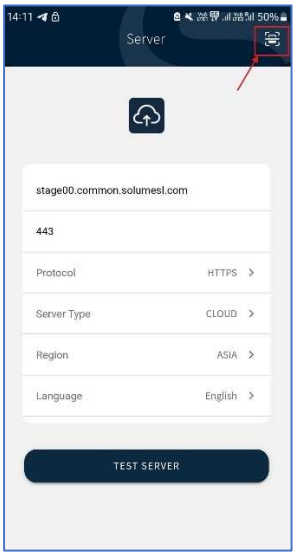
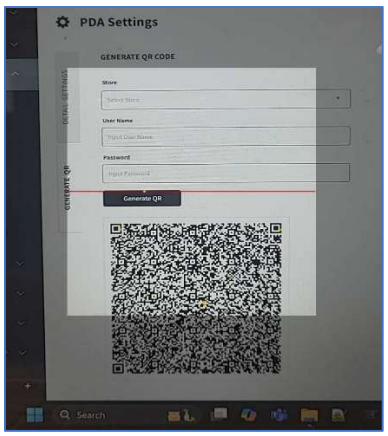
With the QR code generated, follow these steps to complete the registration:

1. Open the **AIMS Manager** app on your device.
2. Tap the **scan icon** in the top-right corner of the screen.



3. Use the app to scan the QR code generated from the dashboard.



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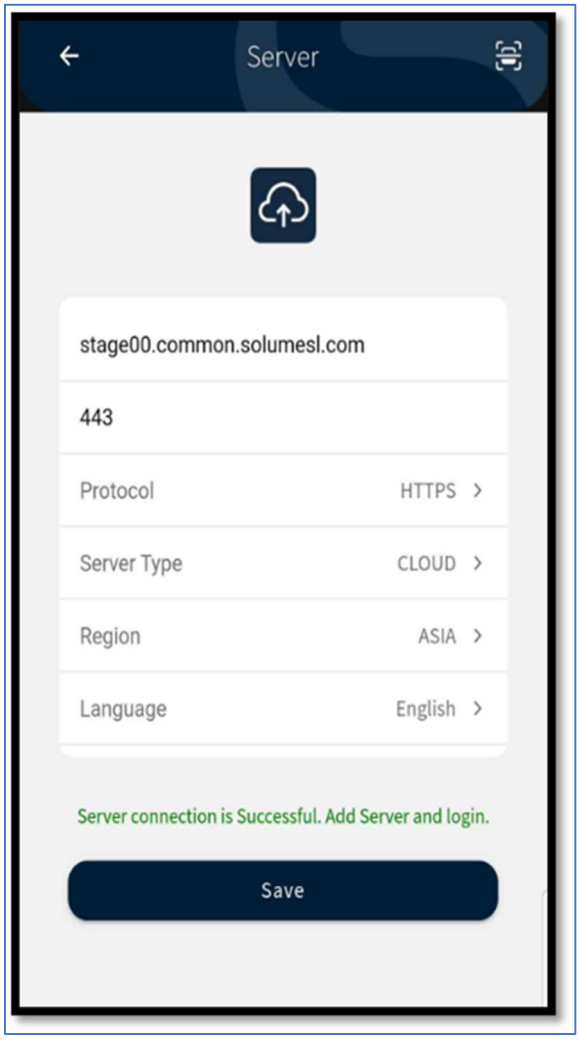
4. If the scanned details are correct, the server information will be filled in automatically.
5. A **"Server connection successful"** message will confirm the registration.



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3.2Signing in to Your AIMS Manager

Once the server is successfully registered, use the same credentials you use to log into the AIMS Dashboard to access the app.

***Note**: Users registering via QR code can skip this step, as the QR code contains the embedded user information.*

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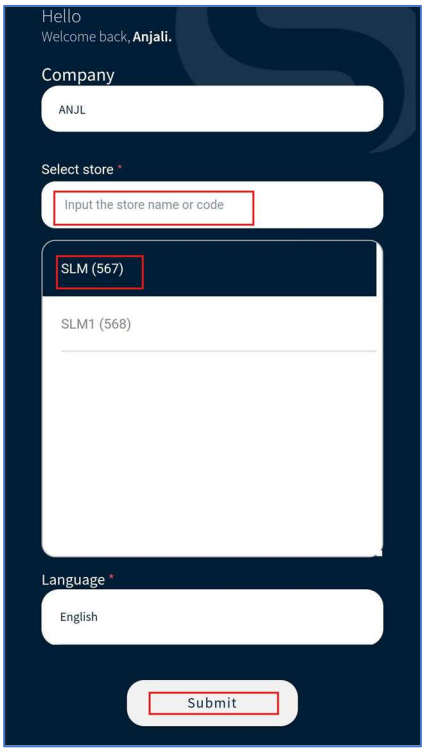
4 Store

After successfully logging in with your credentials, you will be prompted to select a store from the list of stores assigned to you. Choose the store and click **Submit** to proceed to the store-specific pages. You can filter the store list by entering the name or code in the search field.



After selecting and submitting the store, the app will open to the **AIMS Manager Homepage**. The app is organized into four main tabs:

1. **Search**
2. **Homepage**
3. **Overview**
4. **Settings Menu**

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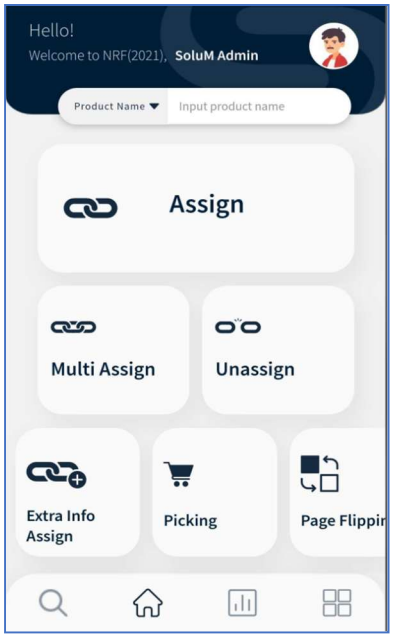
5 Home Page

The homepage is the most visited page and allows users to perform key tasks like assigning and unassigning labels.



5.1 Assigning Single Product to Labels

You can easily assign products to labels using the Assign button.

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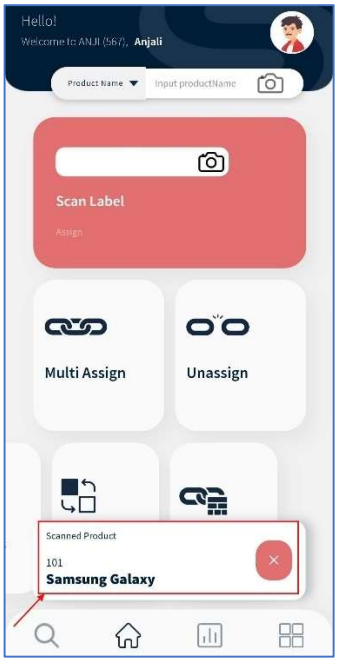
1. **Click the Assign Button**

- The Assign button will turn red to show it's active.
- The system will automatically select the open field for input.

2. **Scan or Enter the Product Information**

- Use a scanner or manual input, to enter the product details.
- If your scanner does not automatically confirm after scanning, press Enter manually.
- Once the product is recognized, the system will display the product name for confirmation.



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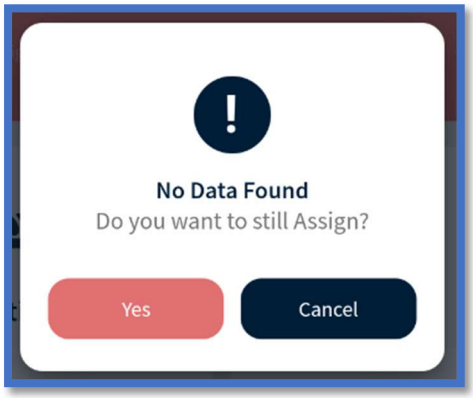
3. When a Product Is Not Found

If the product is not found, a pop-up will appear notifying you of the issue.

If the **"Assign Without Products**" feature is enabled, you will be asked if you want to proceed. Confirming will link the product to the label, but the product details will not be updated until the product is properly loaded into the system.



Note: *This feature can be enabled from the Admin side (from the dashboard) based on user preferences. Once activated, users can assign a label without creating a product beforehand. While assigning, the user only needs to provide a product ID. Upon submission, the system automatically creates the product.*

4. Scan or Enter Label ID

You can input the Label ID using any of the following methods:

- Use a scanner to read the Label ID, which can be found on the front display or sticker of the label.
- Type the Label ID manually or use your device's camera to capture it.
- Bring your mobile device close to the label to scan it using NFC.

Note: *Both the mobile device and label must support NFC for this to work.*

5. Assign Multiple Labels Efficiently

After the product is recognized, scan or input the label details to complete the assignment.

- Scan Product A → Scan Label 1
- Scan Product B → Scan Label 2

Repeat the process for additional products and labels.

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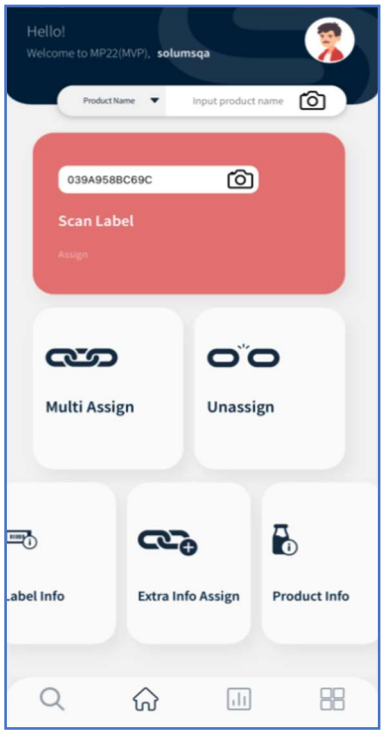
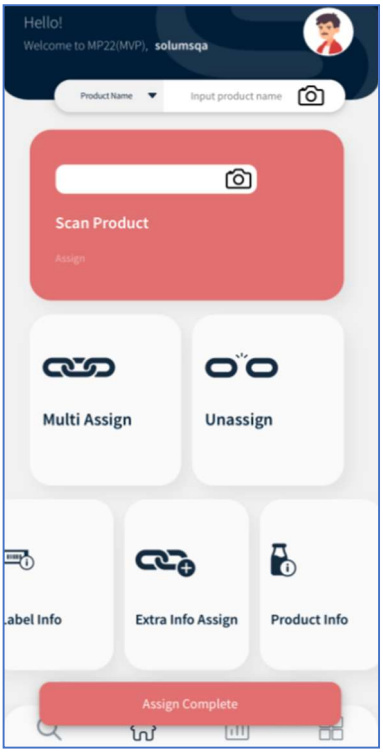


6. If successful, a confirmation pop up will be displayed as '**Assign Complete'**.



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5.2Multi-Assigning of Products

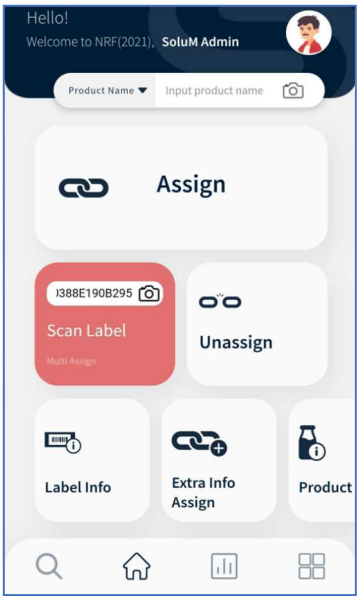
Follow these steps to assign multiple products to one label:

1. Click the Multi-Assign Button

The button will turn red to indicate it's active. The system will automatically select the open field for input.

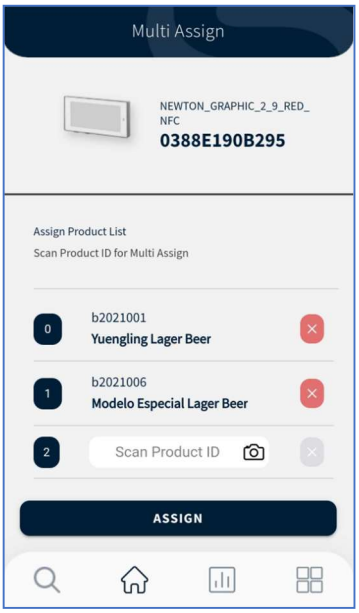
2. Scan or Enter the Label ID

Enter the label ID using a scanner or manual input. The Label ID is on the front display or sticker of the label.



3. Scan or Enter Product Details

Scan or input the products one by one using a scanner or by manual entry. The product information will appear for confirmation after each scan.



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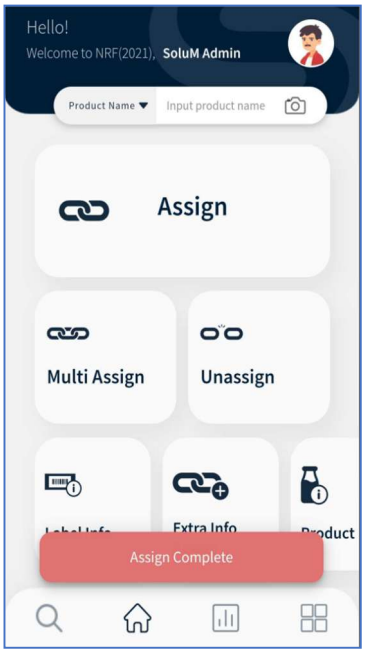
4. Click Assign

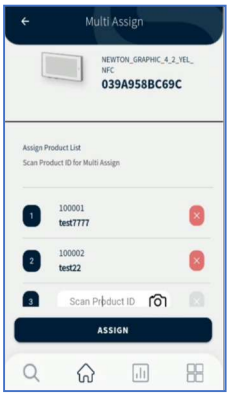
Once the product list is fully populated, click the **Assign** button again to complete the process. A confirmation pop-up will appear with the message **'Assign Complete.'**



5.3Append Multi-Product Assign

SOLUM admin only enables this feature and will replace the Multi-Product Assigning operation. The user must choose to follow only one of the Multi-Product Assign operations. When enabled, selecting **Multi Assign** and scanning a label displays a list of linked products. Users can:

- **Add Products:** Scan only the new products to append them to the list.
- **Remove Products:** Edit the list by removing unwanted products.



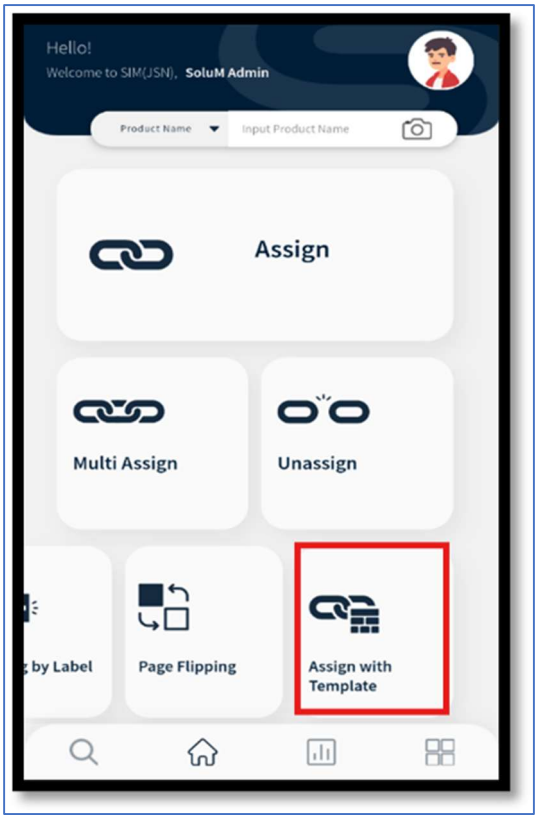
Benefits:

- Avoids the need to rescan all products when adding a new product.
- Simplifies updates to existing product-label assignments.

5.4Assigning with a Template

To assign products with a specific template, follow these steps:

1. Click the **Assign with Template** Button. This will activate the template assignment feature.



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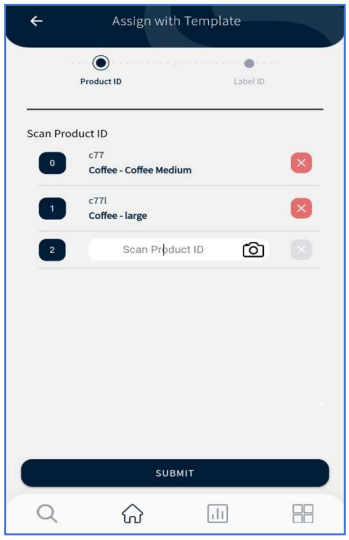
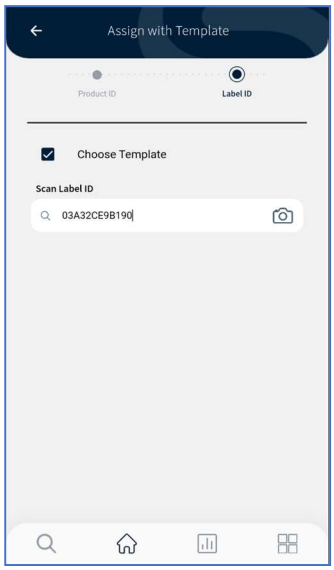
2. Scan or input the product IDs, then click **Submit**.



3. Check the **Choose Template** box, then scan or manually input the **Label ID**.



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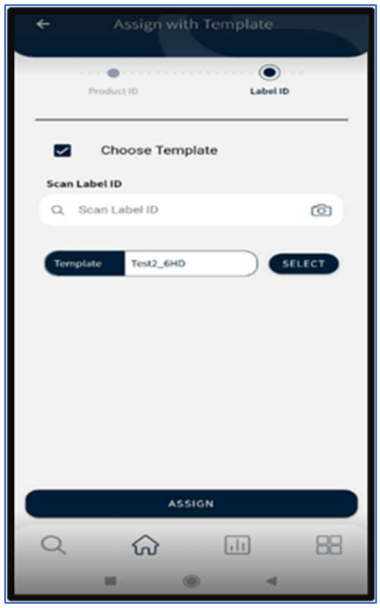
4. A field with the default template will appear. If you don't check the box, the label will be assigned using the default template.



5. Click the **Select** button to view a list of available templates for the label size.

6. Choose the template you want to use and click **Select** and tap on **Assign Button.**

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7. Once successful, a confirmation pop-up will appear saying **Assign Complete**.

Note: *This feature can be enabled or disabled by the user admin from the* ***SOLUM Dashboard****. If you do not see the* ***Assign with Template*** *option, contact your admin.*

5.4.1 Extra Info Assign

This operation allows the user to input dynamic field data during assignment. An example use case, is to assign a product to a label and input a Country-of-Origin field that is dynamic based on supply. This is an enable/disable feature by user admin from SOLUM Dashboard. If this option is not visible on the bottom added feature row, please contact your admin.

Steps:

1. Click on the Extra Info Assign button.

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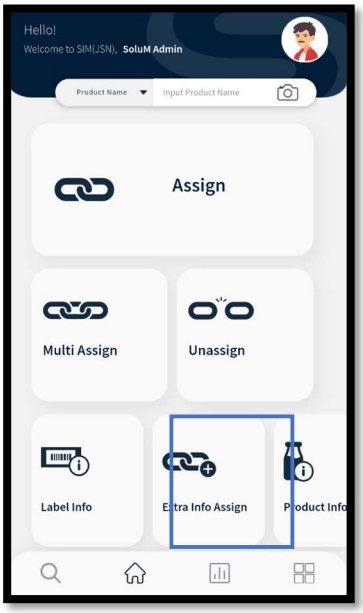
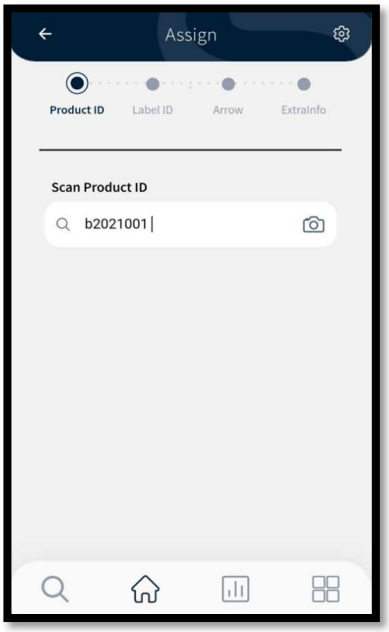


2. Scan (or input manually or via camera) Products ID.



3. Scan (or input manually or via camera) Label ID.

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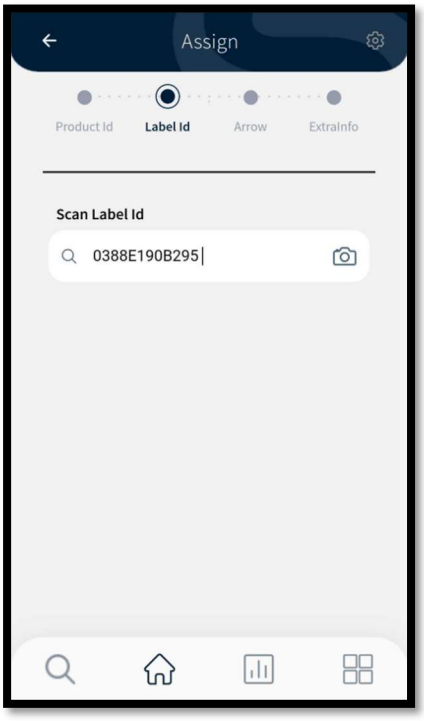
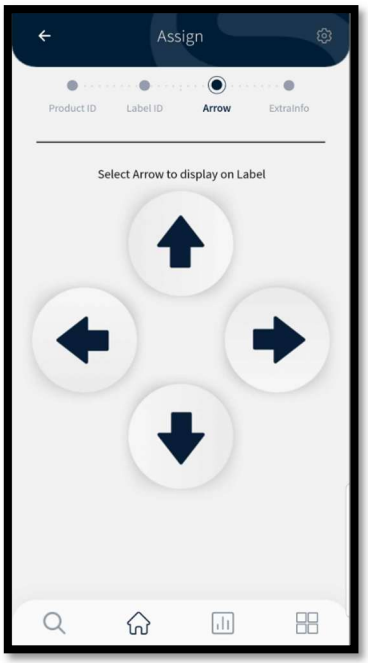


4. The Arrow option is defined by customer admin from Dashboard PDA Config page. If it is enabled then this page will be displayed as shown below then select the arrow required to navigate to next page.



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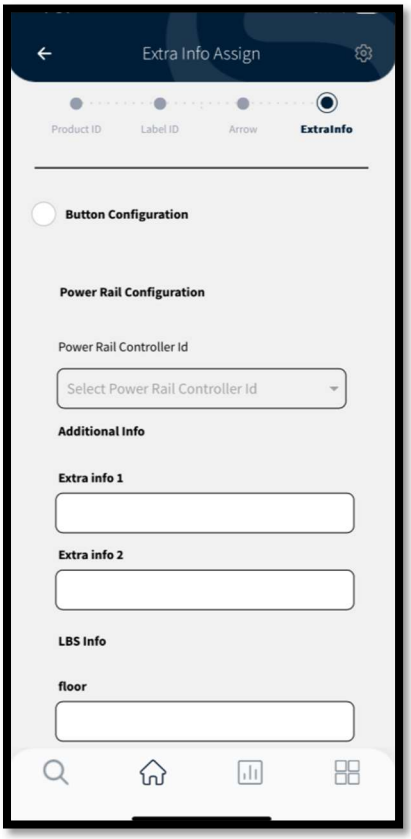
Step 1: You can input custom data using up to four customizable fields.

Step 2: These fields are defined by the customer admin on the Dashboard > PDA Config page.

Step 3: If any field is missing or incorrect, contact your user admin for support.

Step 4: LBS (Location-Based Service) information is shown only if LBS is enabled. LBS can be enabled or disabled only by the SOLUM admin.



5. User can choose label level button configuration from the available list when performing extra info assign. (This feature is available only for extra info assign)

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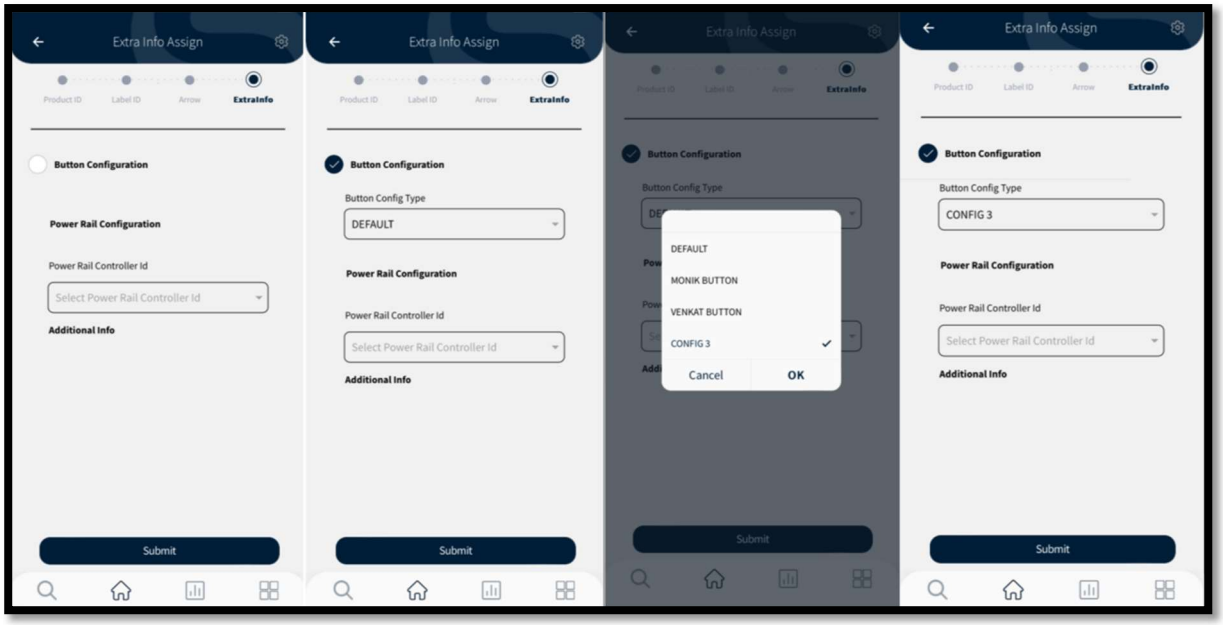
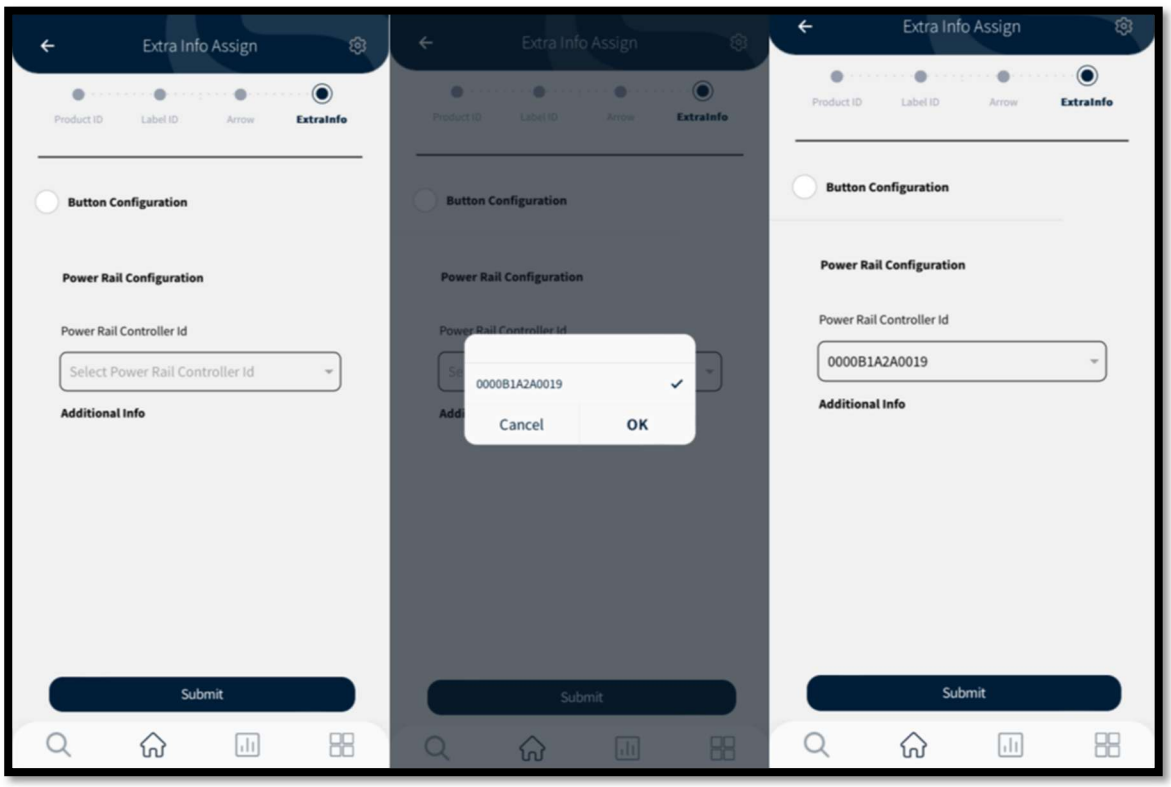


6. In case of assigning **power rail tags** with **BLE controller** an extra field will be displayed to select the BLE controller from the available list. (Normal Power Rail controller is not applicable) and proceed further.



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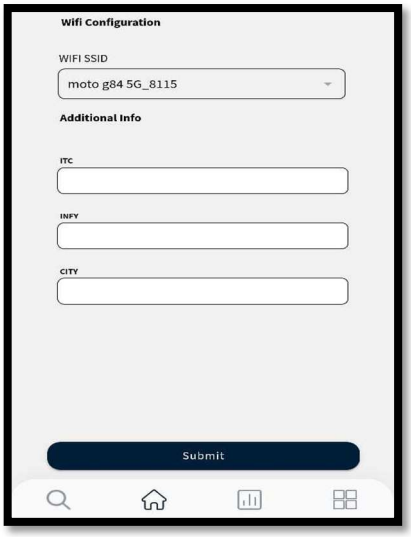
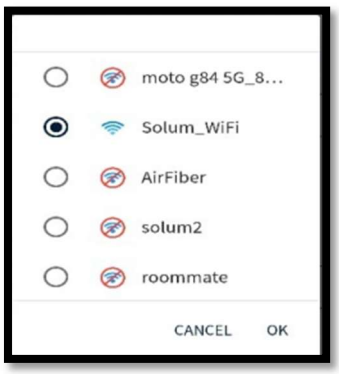
7. A Wi-Fi Configuration field will display if inputted label code is Wi-Fi label.



8. Click on WIFI SSID dropdown.

9. A list of Pre-configured Wi-Fi's with strong and no signal will be displayed. (Wi-Fi SSID should be pre-configured from dashboard)

> ***Note:*** *iOS devices do not support displaying signal strength (strong or weak).*



10. Select the required WIFI SSID and click on Ok and proceed further.

Note: While assigning Wi-Fi Tag device location should be enabled. For the first time location permission popup will be displayed.

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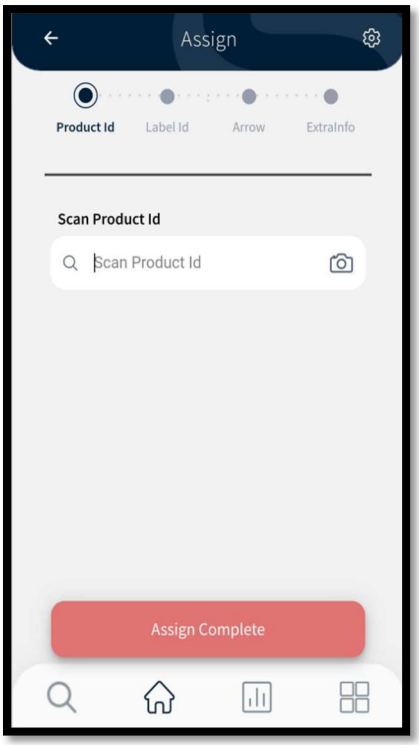
11. Click **Submit** to assign.
    If successful, a confirmation pop-up will display as Assign Complete.



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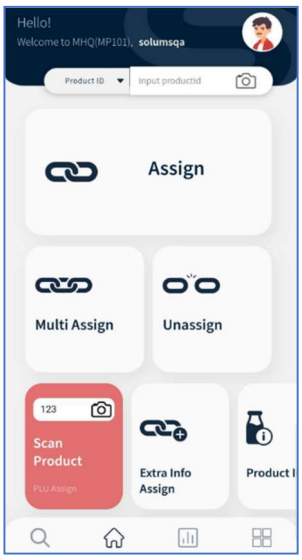
5.5PLU Assign

This feature allows the system to check the **EAN ID** (a numeric code) instead of the Product ID during the assigned operation.

How it Works:

- The user enters a valid EAN ID (already mapped to the product).



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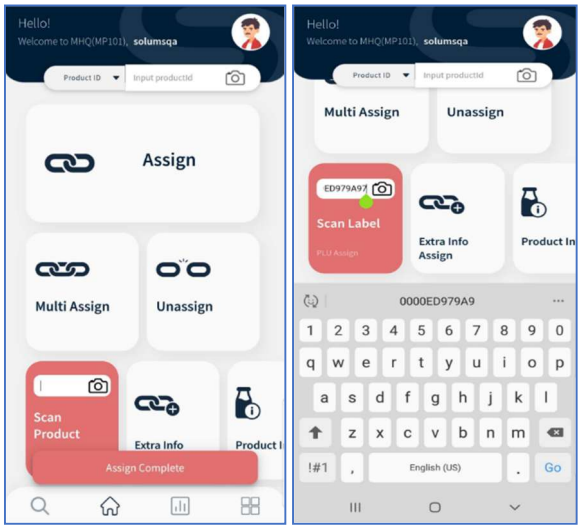
- After entering the EAN ID, the user inputs the Label ID to complete the assigned process.



5.6Shelf Assign

Precondition: *This feature should be enabled at the customer level and the PDA config to be displayed in AIMS Manager.*

- Click on **Shelf Assign** from the home page.

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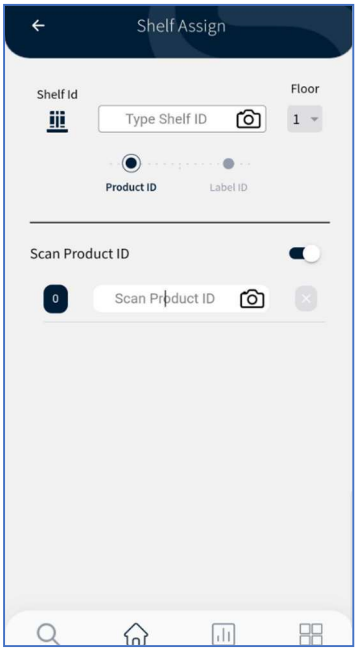
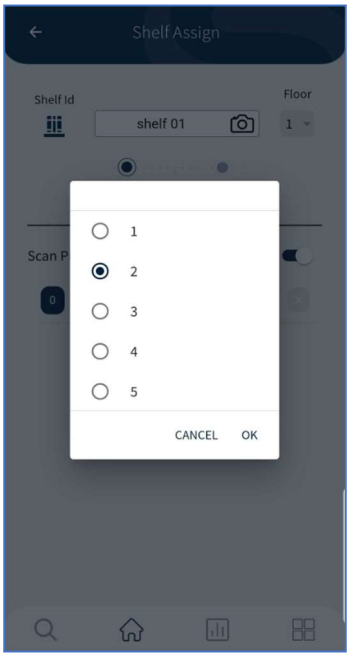
- Enter the **Shelf ID** (maximum 8 characters).



- Select the **Floor Number** from the dropdown menu.



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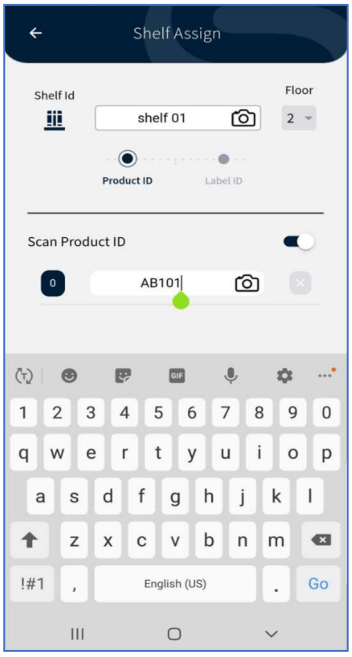
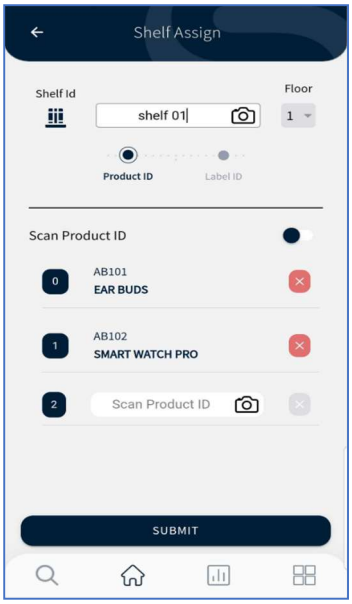
- Input the **Product ID** and click the **Go** button (or **Return** on iOS devices).



The toggle button is **enabled by default** for a fast assign process (single product). To assign multiple products, **disable the toggle button**. The toggle remains disabled until manually re-enabled.



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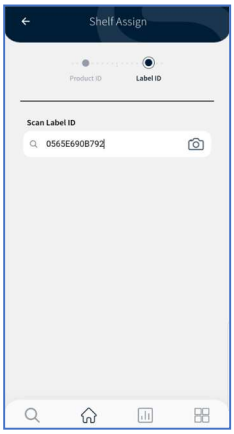
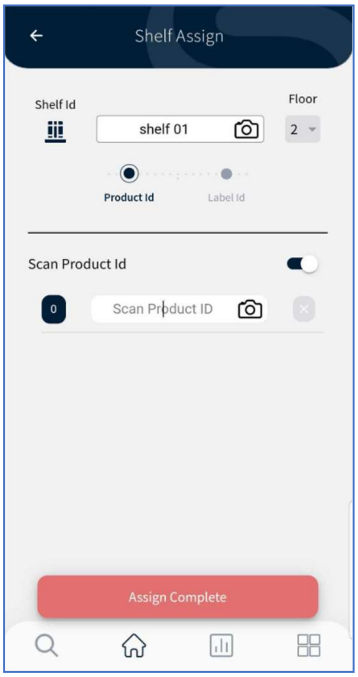
- The page navigates to the Label Input page.
- Enter the **Label Code** and click **Go** (or scan the label code) to complete the operation.



- Once completed, the page returns to the Product Input page, retaining the entered **Shelf ID** and **Floor Number**.



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5.7 Reassign Label from Previous Store to Current Store

This option is intended to unlink the label from the existing/previous store and link it to the currently selected store within the same company when performing assign operations.

Note: *This feature is applicable for all assign-related operations -Assign, Multi assign, Extra info Assign, Assign with template.*

1. Select any one **Assign Function**:
    - Assign
    - Multi Assign
    - Extra Info
    - Assign with Template

2. Enter the **Product ID**.
3. Input a **Label Code** that is already in use (assigned in another store within the same company).
4. A **confirmation pop-up** appears, concerning the selected Assign type.

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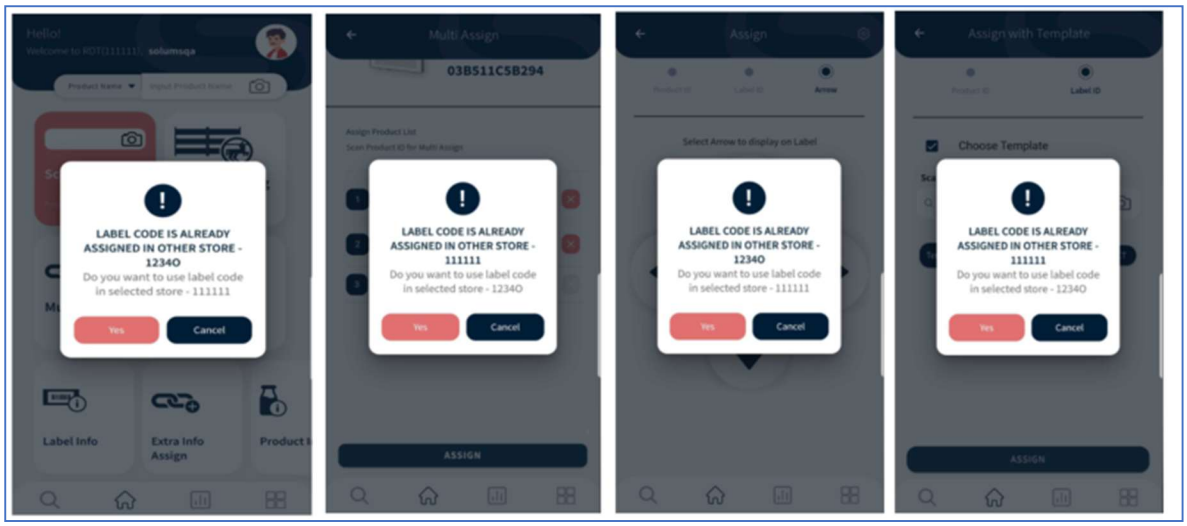

Confirmation Pop-Up Details:

- Ensures the user is aware of potential label conflicts.
- Provides options to confirm or cancel the operation.

This feature helps prevent unintentional reassignment of labels and ensures data integrity across stores.

5. Click on the **Yes** button will complete the operation and a **success** pop up will be displayed.

5.8Unassign

Labels that are no longer in use within the store should be unassigned. If labels are not unassigned, the server will continue to monitor them and attempt updates. Updates sent to unused labels will be flagged as **timeout** or **offline** status.

- The **Unassign** operation is a crucial part of the ESL system.

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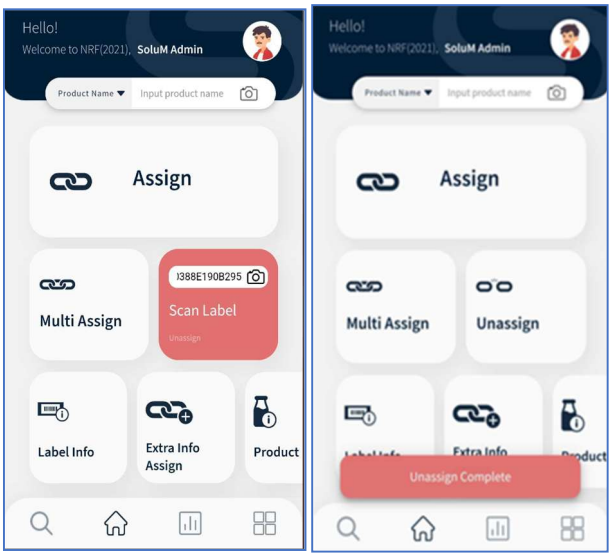
- To ensure convenience, the **Unassign** button is always enabled and accessible from the home page.

1. Click the **Unassign** button.

2. **Scan** (or input manually or via camera) Label ID. If successful, a confirmation pop-up will display as **Unassign Complete**.



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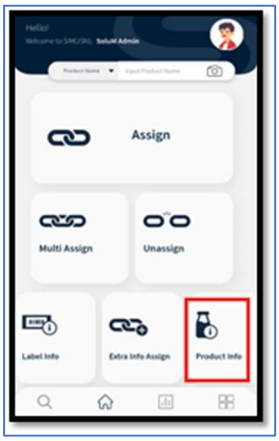
5.9Product Info

This feature allows users to view detailed product information and update its content. Updating product content must be enabled by the **User Admin** through the **Dashboard** → **PDA Config** page.

1. Click the **Product Info** button.



2. **Scan** the product ID (or input manually or use the camera).

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3. The product information fields will be displayed.

4. To view the page-flipping schedule, click **Schedule List**.

5. Click **EDIT** to modify product details.

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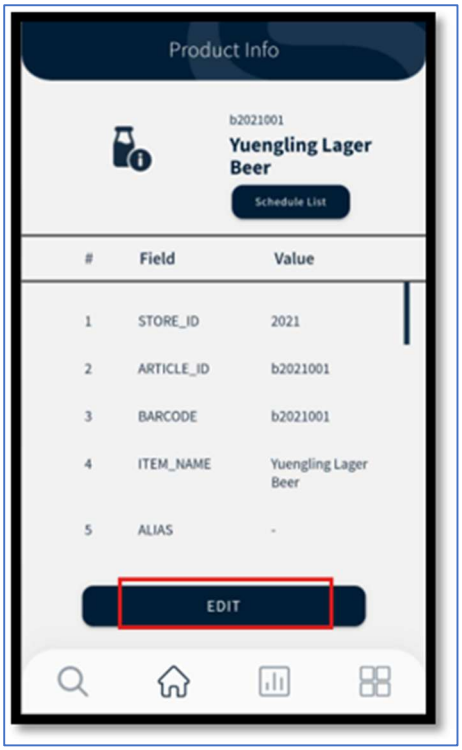
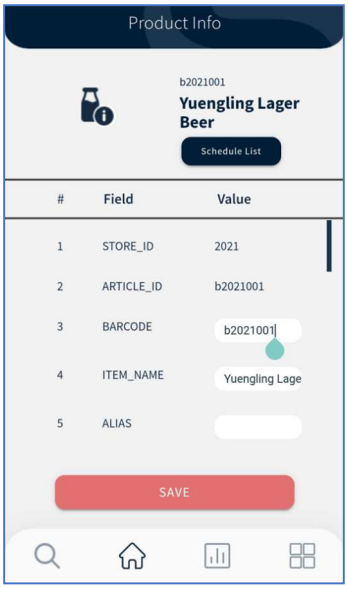


6. Editable fields will be highlighted if product editing is enabled and fields are defined.



7. Make the necessary changes and click **Save**.

8. Click **Yes** on the confirmation pop-up

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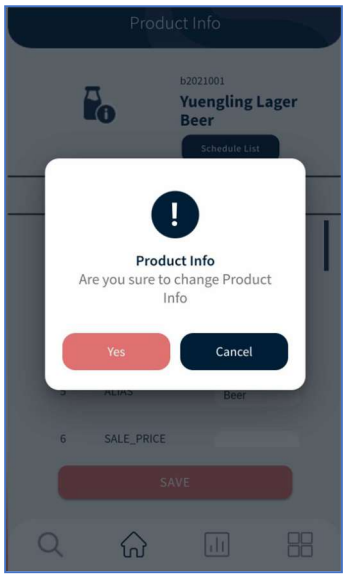
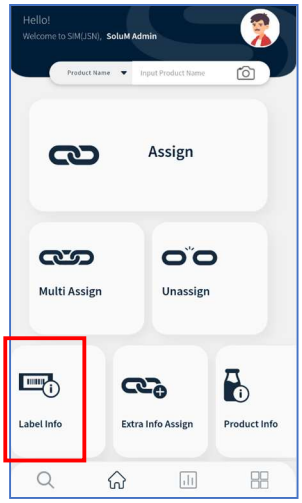


9. If the product has assigned labels, the system will initiate a label update process automatically.

5.10 Label Info

To retrieve detailed information from a label.

1. Click the **Label Info** button.



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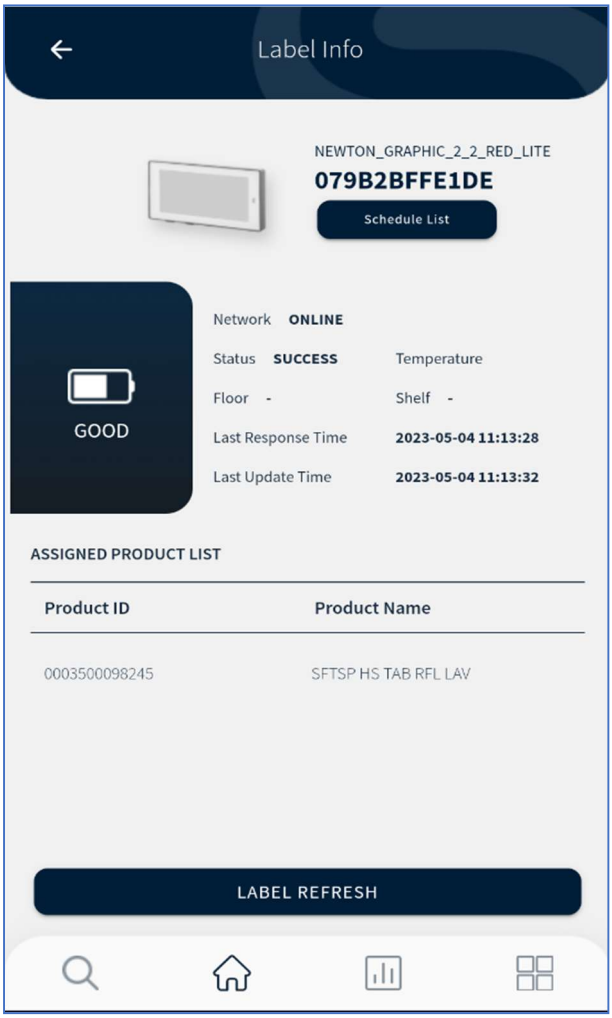
2. **Scan** (or input manually or via camera) Label ID.

   Detailed information for the label will be displayed. For a list of page flipping schedule, click **Schedule List.**



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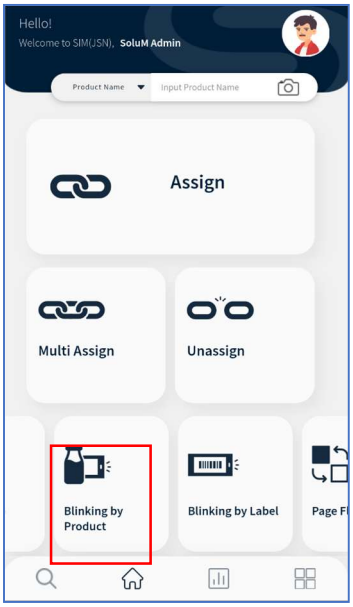
5.11 LED Blinking

5.11.1 LED Blinking by Product

This feature enables users to configure LED blinking for a product.

1. Click the **Blinking by Product** button.



2. Scan the **Product ID** (or input it manually or via the camera).

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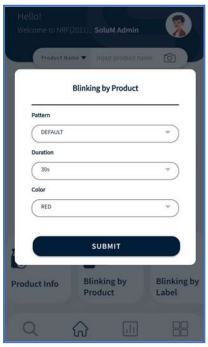
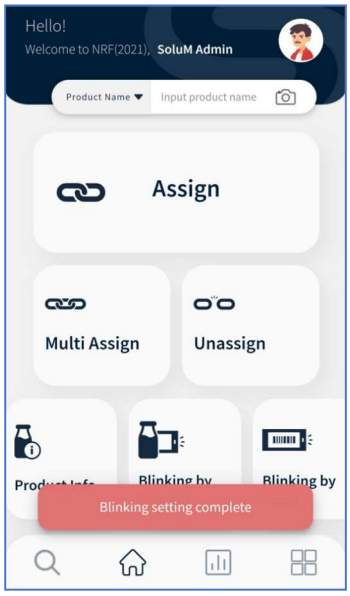
3. Select the following options:
    - **Pattern:** Predefined by the user in the **Dashboard → Multifunction** page.
    - **Duration:** Choose from predefined options.
    - **Color:** Choose from predefined options.



4. A confirmation message, **"Blinking Setting Complete,"** will appear on the screen to indicate the process is completed.



5.11.2 LED Blinking by Label

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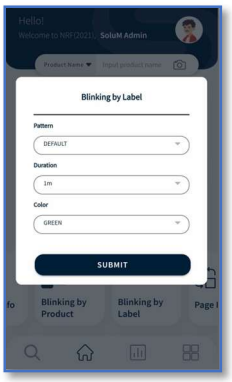
This feature enables users to configure LED blinking for a label.

1. Click the **Blinking by Label** button.
2. Scan the **Label ID** (or input it manually or via the camera).

3. Select the following options:
    - **Pattern:** Predefined by the user in the **Dashboard** → **Multifunction** page.
    - **Duration:** Choose from predefined options.
    - **Color:** Choose from predefined options.



Multicolor LED

If Multicolor LED is enabled from the Dashboard for the user, Label LED can be blinked with multiple colors in a sequence for a defined duration of time.

- Click the Multi-Color LED radio button

- select the required duration and pattern type from the dropdown.
- Click on **Save.**
- Repeat this multiple times with different colors and durations.

Note: To perform this operation **Multi Color LED** should be enabled for the customer.

The label version should be greater than 29.

The Gateway version should be >= **N10.3.7.0**

5.12 Page Flipping

This feature allows users to flip a label to a specific page instantly or schedule it to display a specific page during a defined time period.

Note: *The label must have* ***multiple pages enabled*** *and a* ***template defined****.*

1. Click the **Page Flipping** button.

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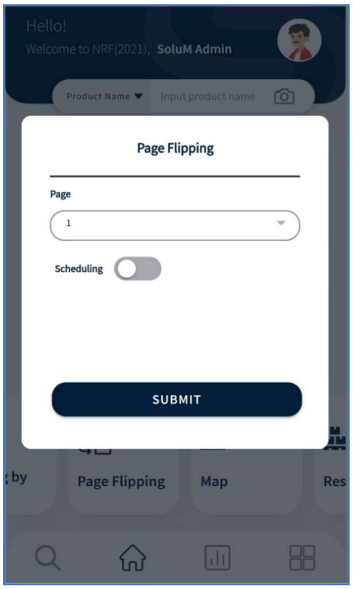
2. Scan the **Label ID** (or input manually or via the camera).
3. Choose the desired page to display.



4. To flip the label immediately, click **Submit**.

5. Toggle **Scheduling** to enable the scheduling feature.

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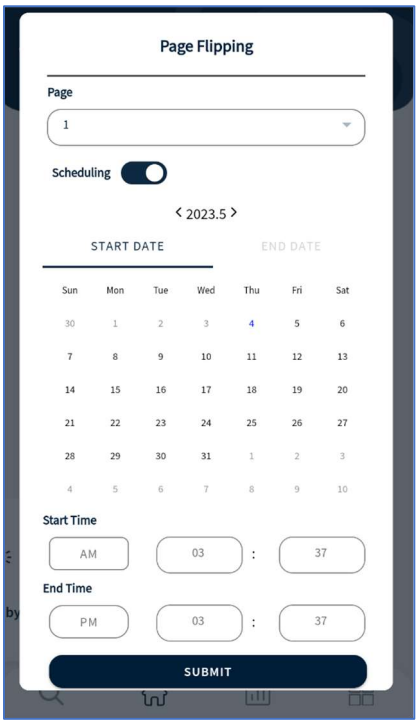

6. Select the **Start DateTime** and **End DateTime** for the page flip.
7. Click **Submit** to save the schedule.
8. To check the schedules for a label:

- Navigate to the **Label Info** page of the label.
- Click **Schedule List** to view all associated schedules.

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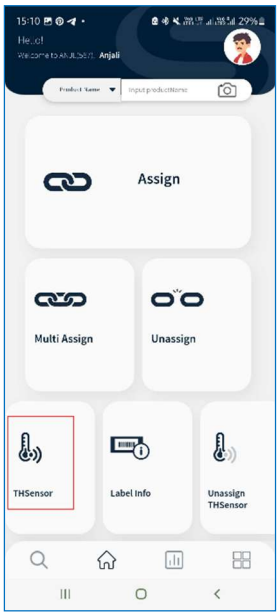
5.13 Sensors

Here users can manage the sensors.

1.To assign the sensor Click on **THSensor**



2. Enter the required details such as **Update Period, Sensor Name, High Temperature Alarm, Low Temperature Alarm, Location, High humidity Alarm (%), Low Humidity Alarm (%).**

Note:

High temperature value must be between -28.9 (C) and 60 (C).

Low temperature value must be between -30 (C) and 58.9 (C). The minimum difference between the high and low temperature must be more than 1.

High humidity value must be between 15.1% and 90%.

Low humidity value must be between 10% and 84.9%.

The minimum difference between the high and low humidity must be more than 5.

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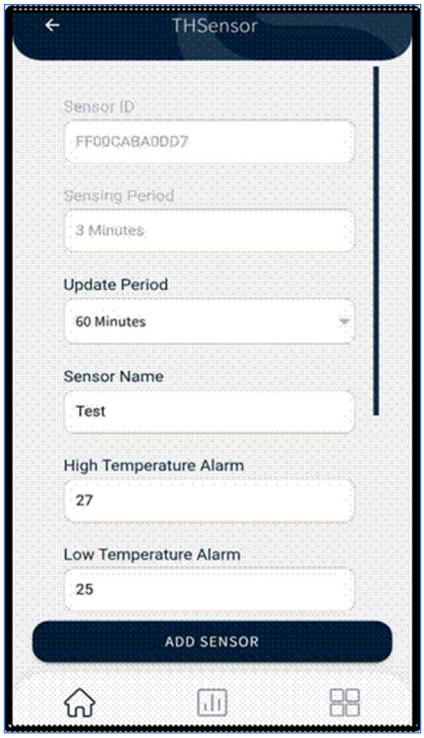

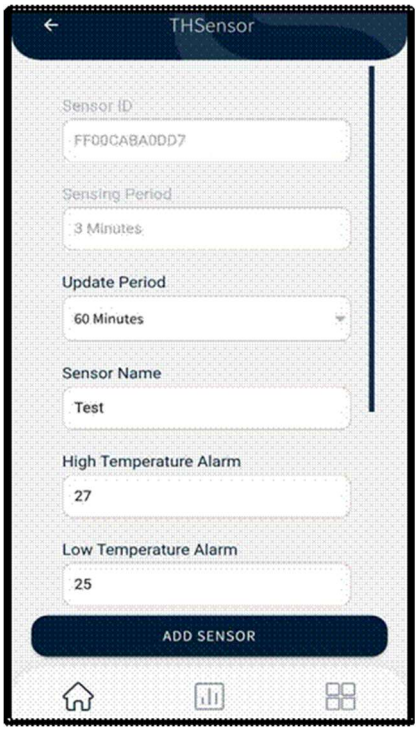

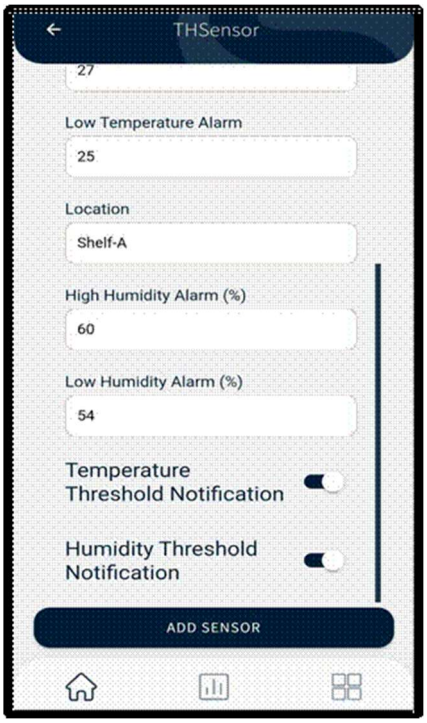

3. If the Temperature Threshold Notification toggle is enabled, the user will receive notification when the temperature exceeds the set High or Low values.
4. Likewise, if the Humidity Threshold Notification toggle is enabled, the user

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will be notified when the humidity level falls outside the specified range.

5. Click on **ADD SENSOR** button, assign success pop-up will be displayed for successful operation.

5.13.1 Unassign THSensor

To unassign a sensor, click on **Unassign THSensor** and Provide the **sensor ID**, it will be unassigned.

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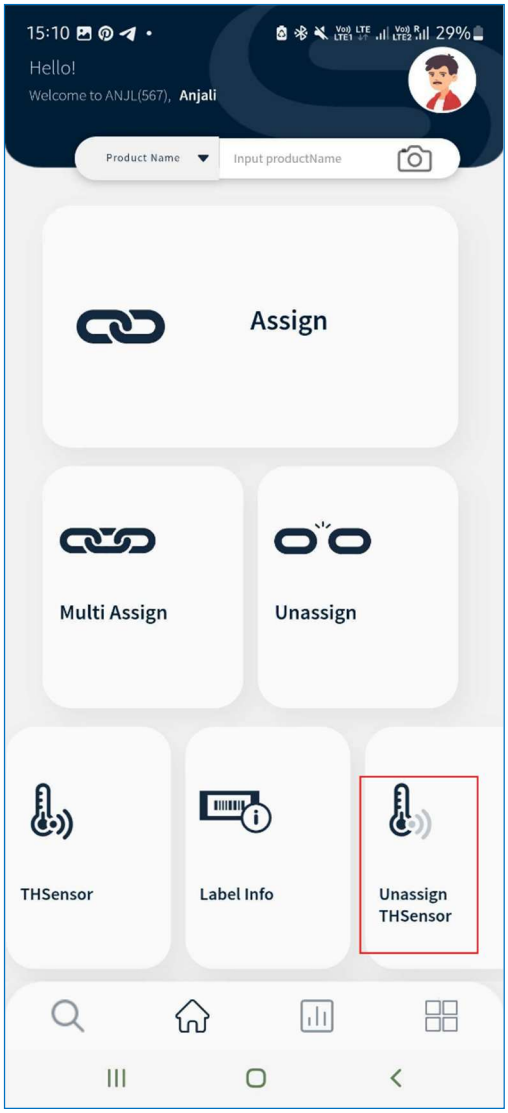

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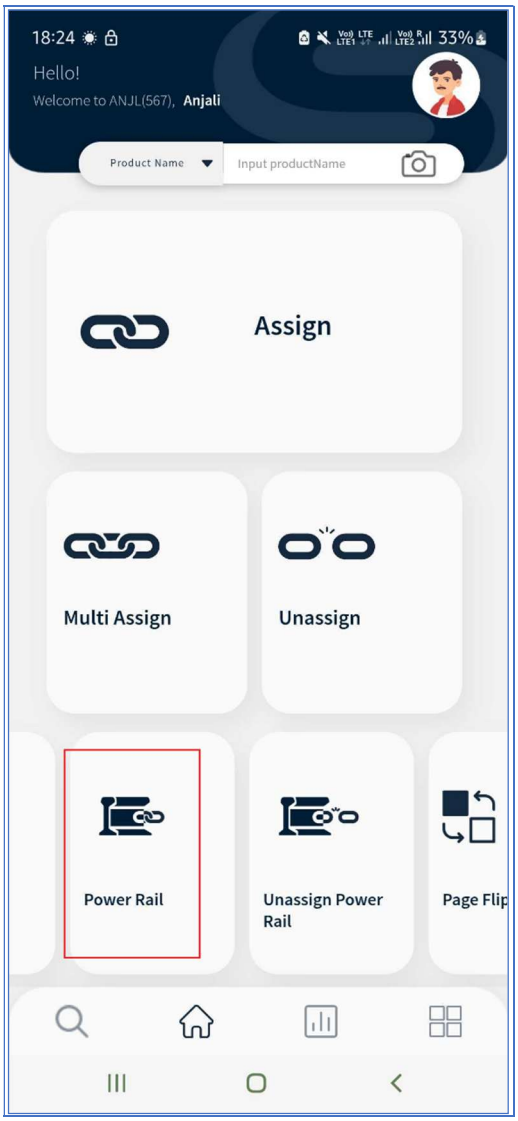
5.14 Power rail

Users can add and unassign Power Rails through the aims manager.

1. click Power Rail from the Home page to add a power rail.



1. Provide the power rail ID, shelf ID, shelf floor, and row in the new window opened and click submit.

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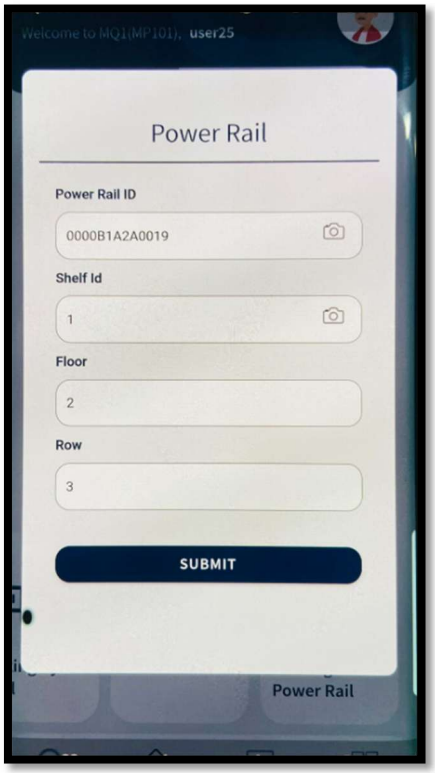

2. Click Unassign Power Rail from Aims Manager to Unassign a power rail. Input /Scan the Power rail ID.

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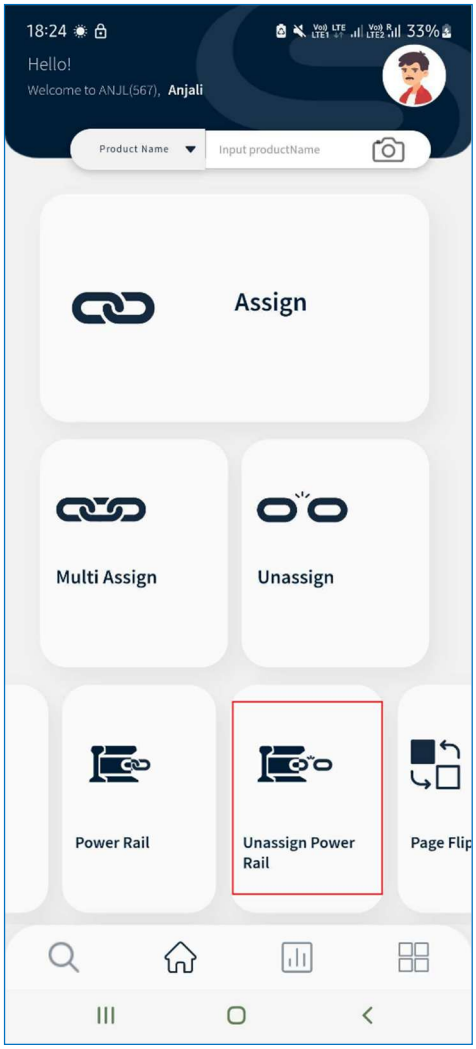

Update Existing Power Rail Shelf Information

User can **update existing Power Rail Shelf details** directly from the interface. This enhancement ensures better flexibility.

Steps:

- Navigate to the Power Rail menu
- Scan or input the Power rail controller MAC which is already assigned.
- It will display the last saved configuration
- edit the shelf information, such as **shelf ID, Floor, and Row**
- click on Submit.

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Note:

1. If power rail MAC is scanned or inputted for the first time, then shelf info will be empty.
2. IF power rail issue assigned and scanned again then Shelf info will be empty.

5.15 Beeper

The User Can perform label code operations using **NFC Type 2 tags**, allowing for efficient and quick interaction with supported features.

1. **Activating NFC in the App:**
    - To use this feature, **enable the NFC setting** from the app's **Settings** page.
    - Once NFC is enabled, the device can read the label code directly from the tag.
    - Whenever the label code is required in any module of the app, simply tap the tag using your mobile device for automatic detection and processing.

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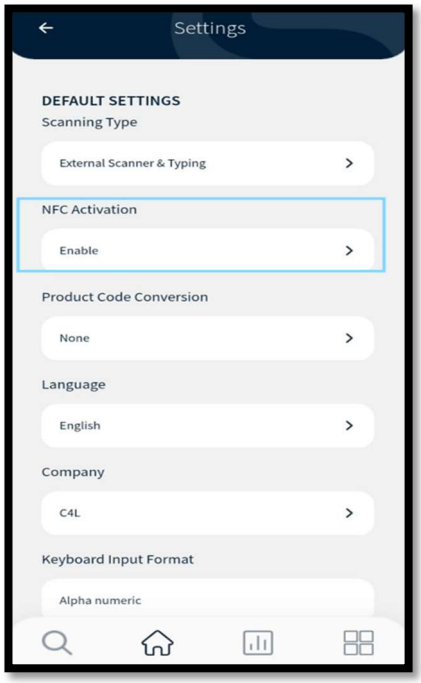

2. **Label Code Reading via NFC:**
    - The app can read label codes by simply tapping an NFC Type 2 tag with the mobile device.
    - This eliminates the need for manual label code input, improving speed and accuracy.
3. **Enhanced Control through NFC Tags:**
    - Integrated the **beeper feature** to perform the following actions via NFC tag interaction:
        - **Tag Refresh**
        - **Label On/Off toggle**
        - **Go to Left Page**
        - **Go to Right Page**

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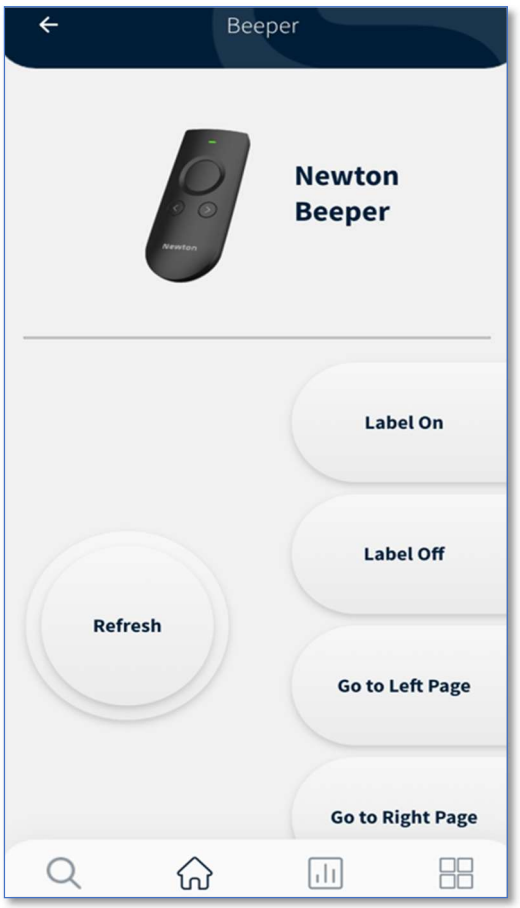

Open the app and navigate to the **Beeper page,** where the **Tag Refresh**, **Label On/Off toggle, Go to Left Page and Go to Right Page** functionality is present

1. **Enable NFC:**
    - Make sure NFC is enabled both in the app's settings and your device’s settings.
2. **Select the Feature You Want to Use:**
    - From the Beeper page, select the Feature action (e.g., Refresh, On/Off, Left Page, Right Page).
    - After selection NFC pop-up will display on the screen. Tap Your Phone to the NFC Tag to execute the selected action.
    - Once the NFC feature is activated and the tag is scanned, the selected action will be performed.

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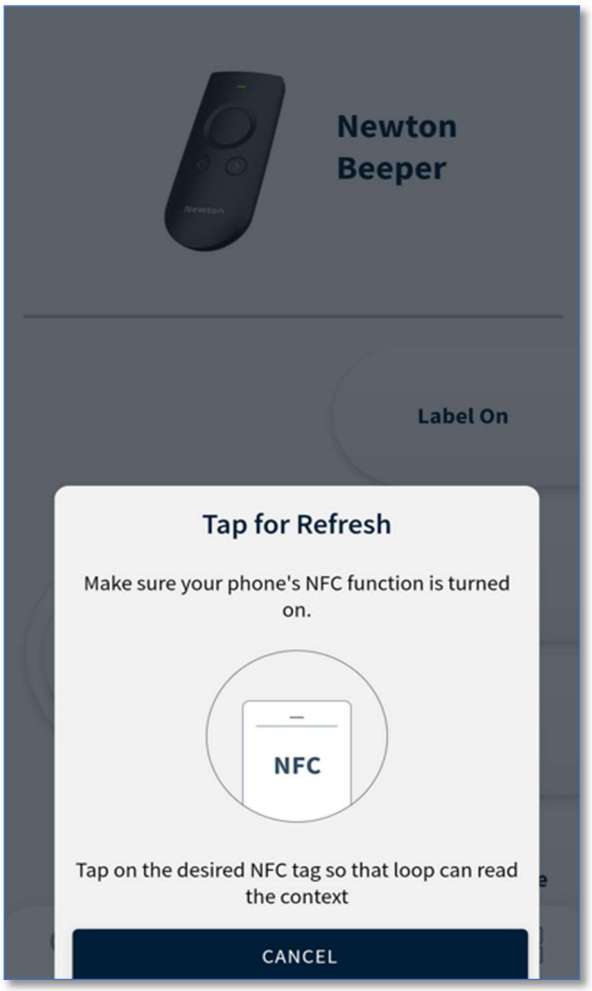
Note: *Ensure your mobile device supports NFC and that the feature is turned on from both the device settings of user phone and within the app.*



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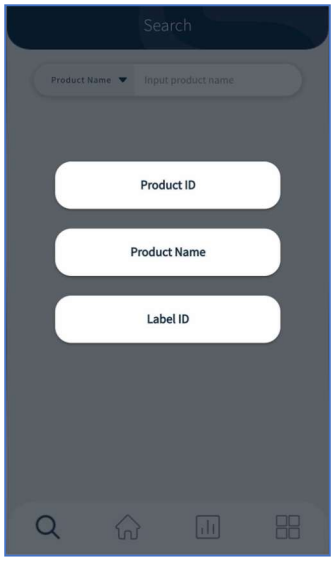
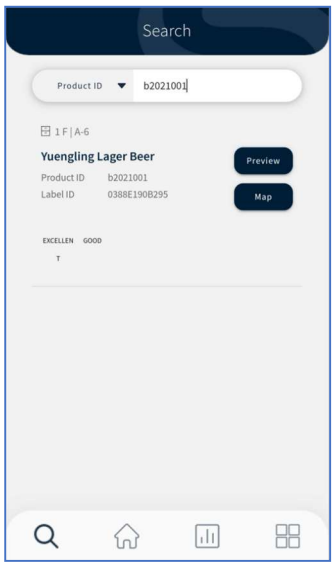
6 Search

This feature allows users to search for detailed label information using **Product ID**, **Product Name**, or **Label ID**.

1. **Select the Search Field:** Choose **Product ID**, **Product Name**, or **Label ID**.



2. Enter the specific value in the chosen search field.



3. If matching label(s) are found, they will be listed.
4. Click **Preview** to view the label image.

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5. The displayed image corresponds to the preview image available on the **Dashboard**.
   - **Success:** The image is currently displayed on the label.
   - **Processing or Timeout:** The image has not yet been updated on the label.

6. If **LBS** is enabled, a map with product location information is generated. Click **Map** to open a preview of the product's location on the map.

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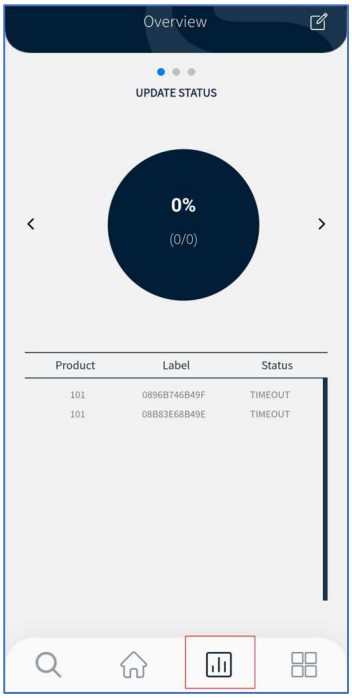
7 Overview

The Overview page is similar to the Dashboard Overview page. The page is divided into three sections: **UPDATE STATUS, WARNING STATUS, & GATEWAY STATUS.**



7.1 Update Status

This page lists all the labels and related information: Product ID, Label ID, and Label Status in the store, along with the percentage value of the total success labels to total labels in the store. For additional information, refer to the Dashboard Label's page.

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Users can click on any label to navigate to the label info page to view the label details.

7.2 Warning Status

This page displays labels categorized by their **exception statuses**, providing quick insights into potential issues.

- Labels are grouped based on their specific exception statuses.
- Clicking on an exception type will display all tags associated with that exception.

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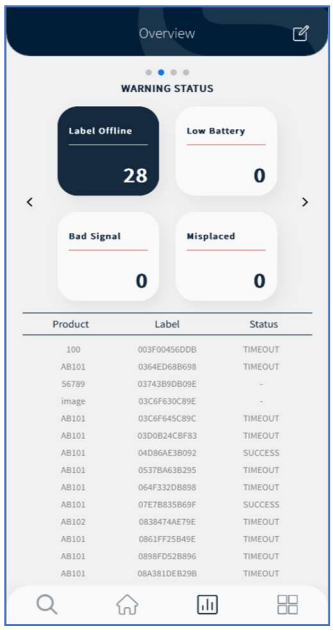

1. **Label Offline:** Indicates that the server has not received communication from the label in the last **24 hours**.
2. **Low Battery:** The label's battery level is below **15%**, signaling the need for replacement or charging.
3. **Bad Signal:** The wireless signal strength is weak, below **-85dBm**, which may affect communication reliability.
4. **Misplaced:** The label is being used in an **inappropriate temperature setting**. Example: Ambient labels are being used in freezers, which could lead to performance issues.

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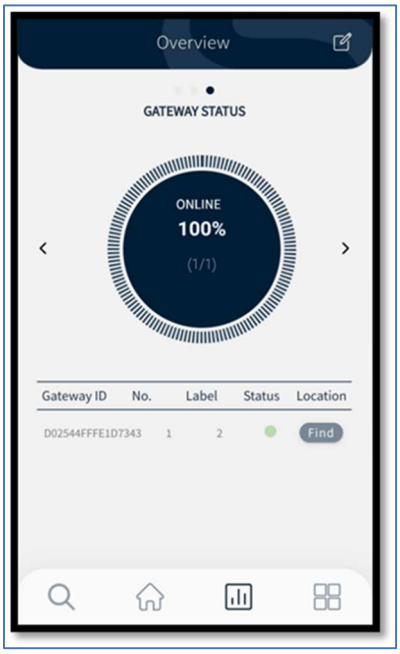
7.3Gateway Status

This page lists all the Gateways and related information: MAC ID, GW number, No. of Labels linked, GW Status, and Location, along with the percentage value of the total online GWs to total GWs in the store. Gateway being online is vital for labels to update and immediate action should be taken for offline GWs.



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8 Menu

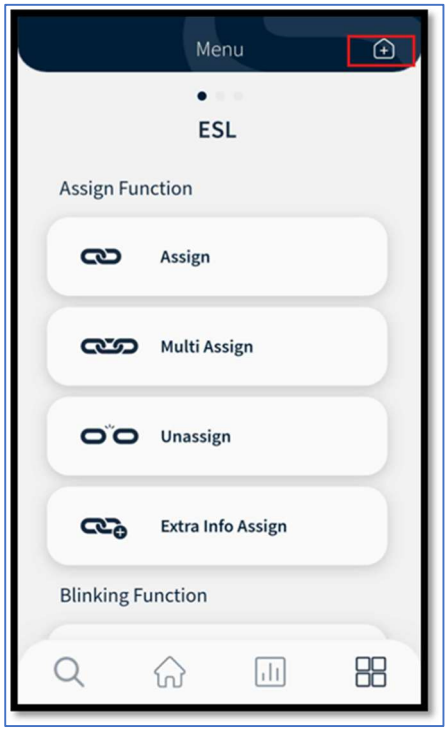
This feature allows users to enable or disable menu options displayed on the pages, modifying them to their specific needs. Users can configure the menus to the Home page according to their requirements. This feature is organized into three distinct sections:

- **ESL** – Menus for electronic shelf label (ESL) settings.
- **LCD** – For LCD display-related options.
- **Expansion Pack** – For additional features and functionality.

8.1 ESL

This section contains menus for ESL functionalities. The assign function is mandatory, and the user cannot disable it.

1. Click on the '+' symbol in top right corner



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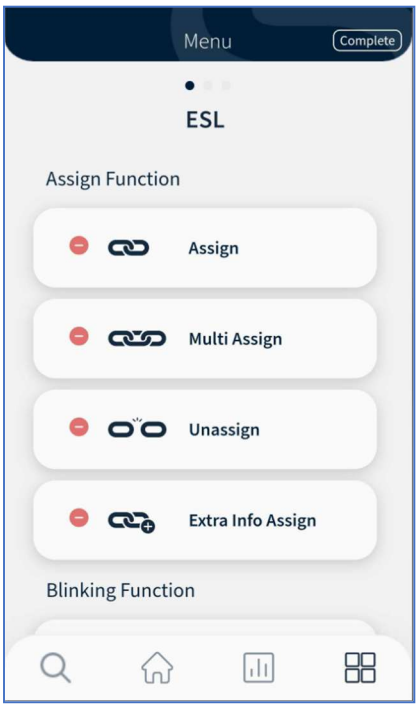
2. Enable/Disable Menu Options:
    1. Toggle the options to **enable** or **disable** them as needed.
    2. Click the **'+'** button located near each functionality to add it to the menu.
    3. Press the **'–'** button inside the red circle located next to the functionality to remove it from the menu.



3. Click on the **Complete** button to apply changes

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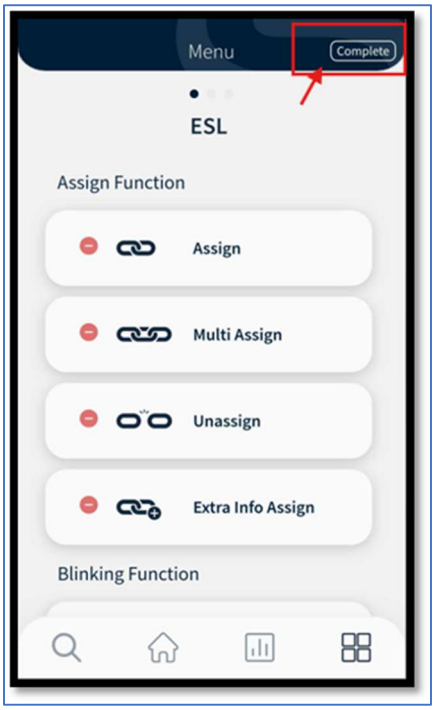

4. Check on the home page for enabled menu options.

8.2LCD

Note:

- *LCD functions in the AIMS Manager are designed specifically for SOLUM Newton Touch displays.*
- *This feature must be enabled by the SOLUM admin.*
- *Functionality buttons in the AIMS Manager must be activated by the user admin.*
- *User admin can add the LCD menu options to the homepage through the Menu settings.*

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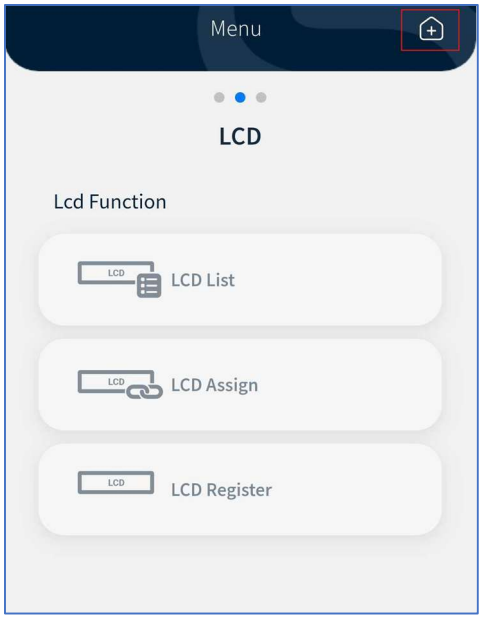
LCD page in the Menu allows to add LCD functions to the Home Page.

- LCD list
- LCD Assign
- LCD Register

1.Click on the '+' symbol in top right corner



2.Click the **'+'** button located near each functionality to add it to the menu.

3. Press the **'–'** button inside the red circle located next to the functionality to remove it from the menu.

Refer to Appendix A for More Information about LCD functionalities.

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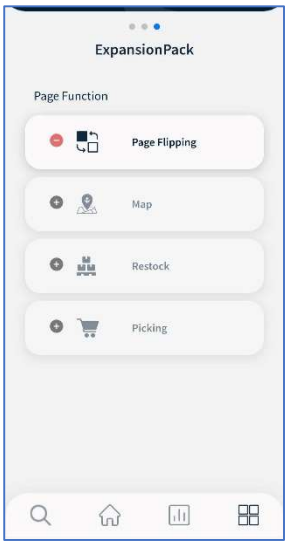
8.3ESL Expansion Packs

This section allows users to add additional ESL feature menus to the home page. This includes,

- Page Flipping
- Map
- Restock
- Picking



Enable/Disable Menu Options:

- Toggle the options to **enable** or **disable** them as needed.
- Click the **'+'** button near each functionality to add it to the menu.
- Press the **'–'** button inside the red circle next to the functionality to remove it from the menu.

For detailed descriptions of these features, refer to **Appendix B**

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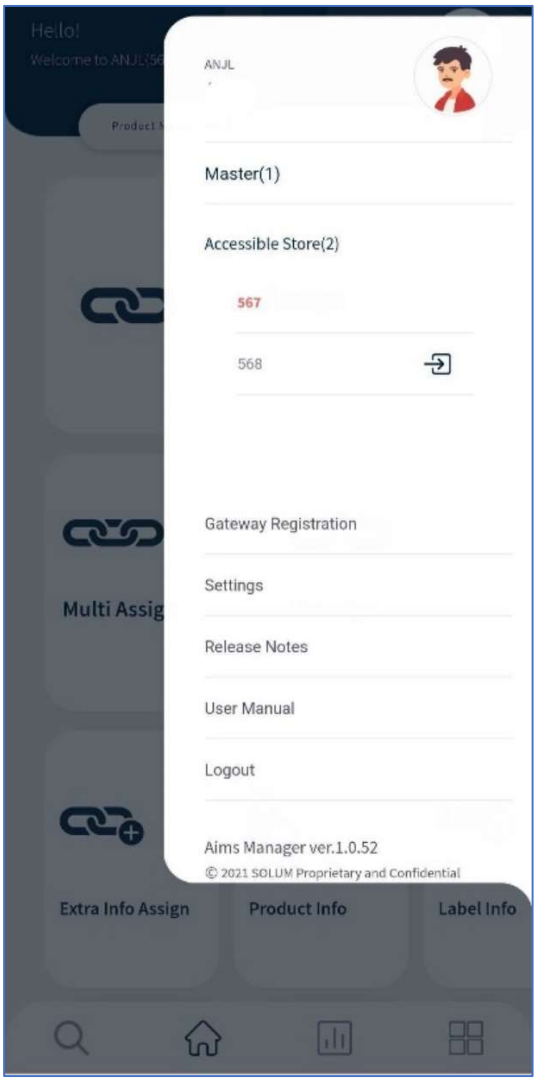
9 Settings

To access the settings menu, click the avatar image located at the top right corner. Along with your username, role, and store mapping, you'll find various settings that can be updated. The version of the AIMS Manager app is displayed at the bottom of this settings page.



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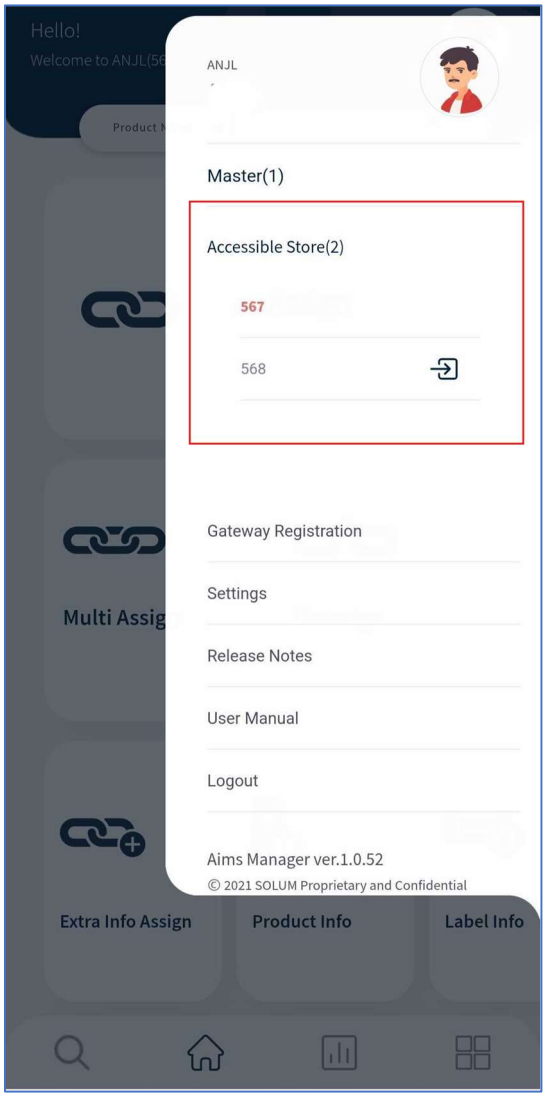
9.1 Accessible Stores

This section displays a list of all accessible stores. Use the scroll function within the small window to view the entire list. Clicking the **GO** icon will switch all AIMS Manager operations to the selected store.



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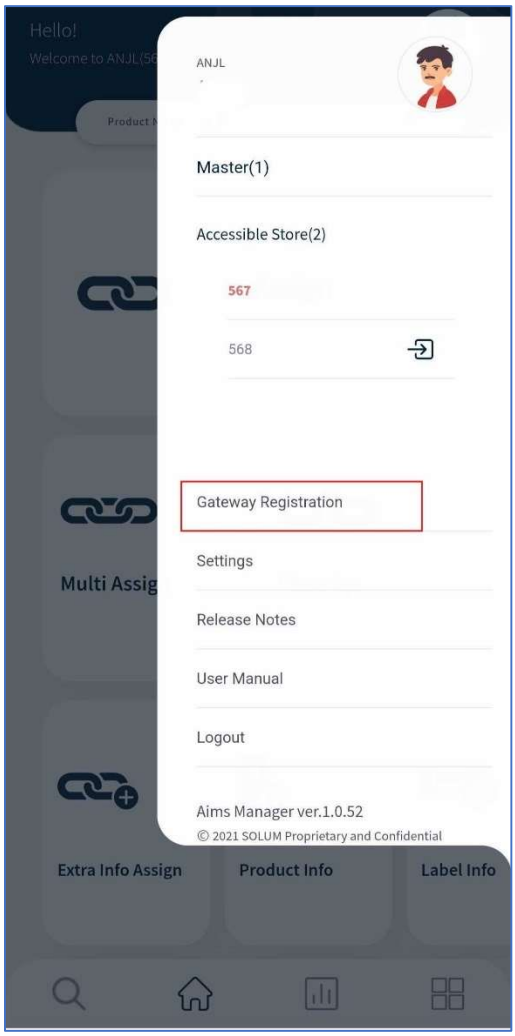
9.2Gateway Registration

For optimal performance, it is strongly recommended to register Gateways using the SOLUM AIMS Dashboard. However, to register a Gateway through the AIMS Manager, follow the steps outlined below.

1. Click on Gateway Registration



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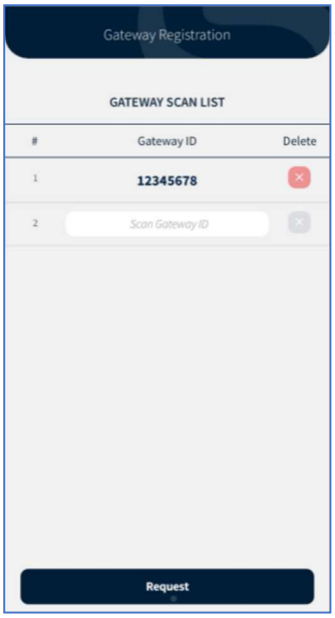
2. Scan the Gateway MAC ID using a camera, or input it manually. The MAC ID can be found on the sticker located at the bottom of the Gateway.

3. Register multiple Gateways simultaneously, but they must all belong to the same store.



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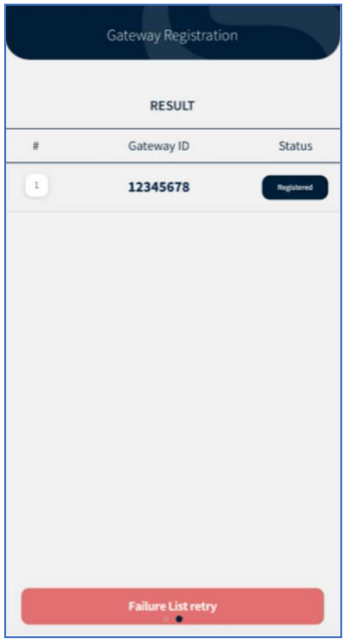
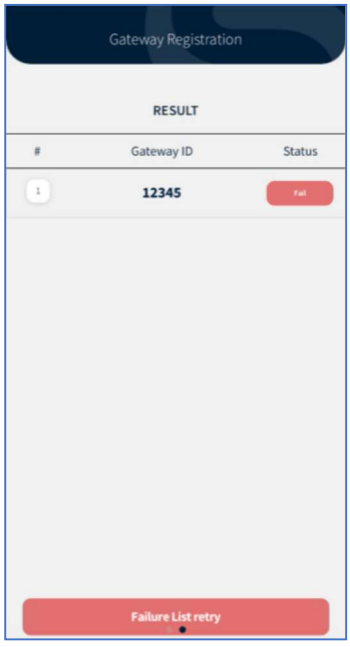
4. Click **Request** to register the Gateways. Successfully registered Gateways will display a status of **Registered**.



5. Failed Gateways will be highlighted in red with the status **Fail**.



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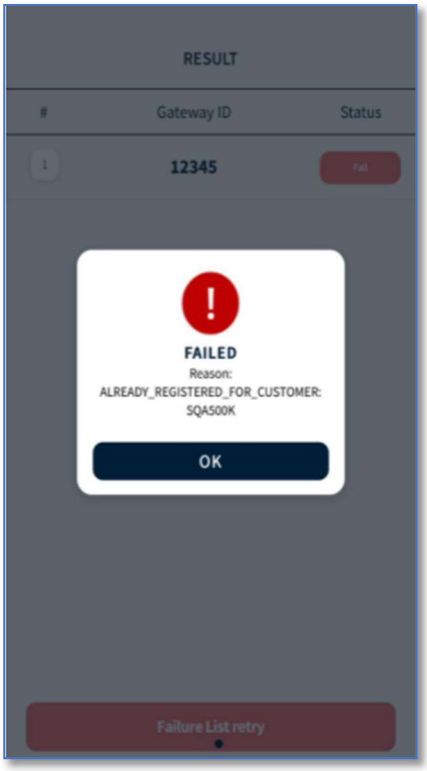
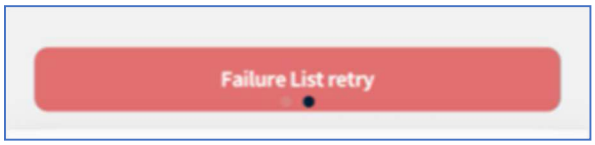
6. Clicking the Fail status will display the reason for failure.



7. To retry registering the Gateways for any reason, click the **Failure List Retry** button in the Failure List at the bottom of the page.



9.3Settings

This section allows you to modify various app settings, including Scanning Type, Product Conversion, Language, Company, Server, and Package Settings.

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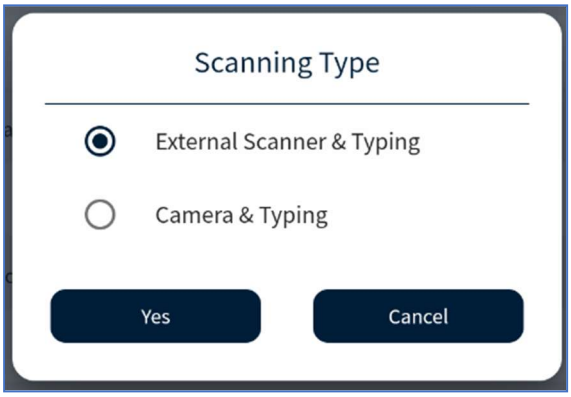
9.3.1 Default Settings

1. Scanning Type

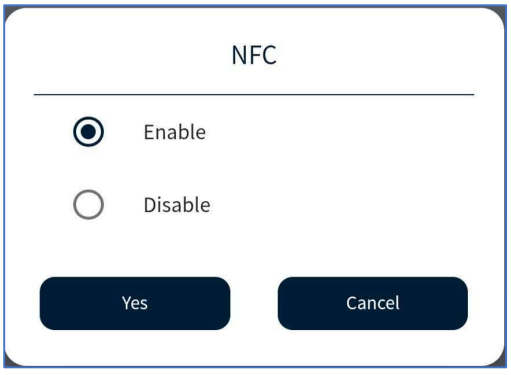
Choose between an **External Scanner** or a **Camera** for scanning. By default, the scanning type is set to **External Scanner**, which is the recommended option.



Note: *Labels and products can be scanned from the camera using both front and back cameras. Once camera scan page is opened by default rear camera will be selected user can use camera mode option and change to front camera.*

2. NFC Activation

This section allows you to enable or disable NFC Functionality.



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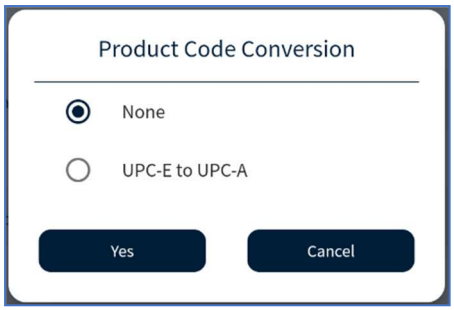
3. Product Code Conversion

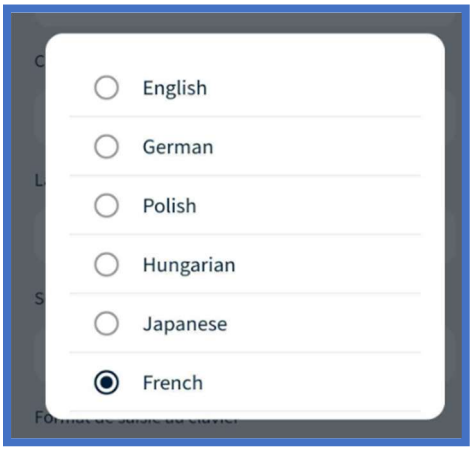
This setting is disabled by default. To enable **UPC-E to UPC-A conversion**, select the option and click **Yes**. Once enabled, the conversion will occur automatically each time a product is scanned.



Note: *UPC-E to UPC-A conversion is the process of expanding a compressed 6-digit UPC-E barcode into its full 12-digit UPC-A format. This conversion is necessary for systems that require the full UPC-A code for product management.*

4. Language

Select a preferred language from the list. If you notice any incorrect translations or typos, please submit a support ticket to help improve AIMS Manager.



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5. Company

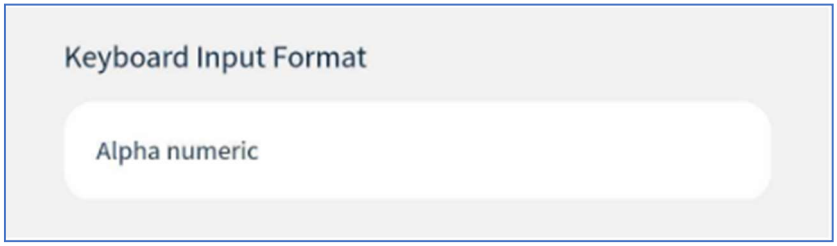
Most users are mapped to a single company. However, if multiple companies are assigned to a user, they can choose which company they want to access.

6. Keyboard Input Format

This setting displays the keyboard format configured on the dashboard:

- **Alpha Numeric** (Default)
- **Numeric**

> ***Note**: This feature is not editable from AIMS Manager.*



7. Server

Most users do not need to modify server information. However, SOLUM customers requiring access to a different server can update the settings here, as SOLUM operates SaaS services across multiple countries.

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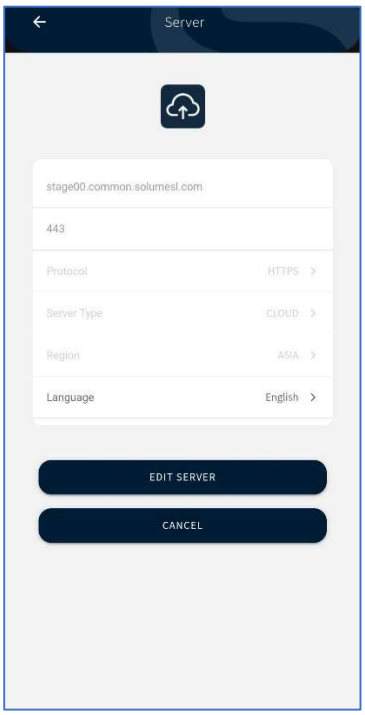
Click the **Edit** button to modify the server settings. This will open the page where you can edit the server details.



9.3.2 Package Settings

ESL Settings

Define the default template for assignments. It is recommended to set the template most commonly used.

For assignments requiring a non-default template, use **Assign with Template**. A default template should be defined for every label size and color.

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Note:

- *Templates can have lists based on tag color combinations (e.g., BW, BWR, BWY, BWRY, etc.). Templates added in the dashboard will be displayed in AIMS Manager under* ***ESL Settings****.*
- *Define default templates for each template color type within the same size/resolution.*
- *Template data refreshes upon app relaunch or reopening.*
- *A default template for any resolution/size will appear only if at least one template type is listed.*

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Template Types by User

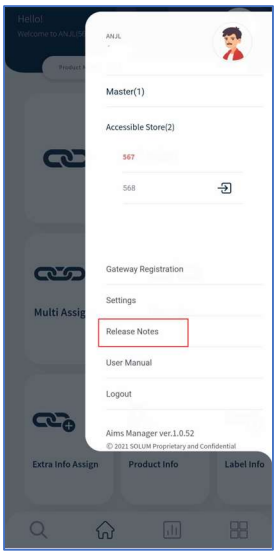
Templates displayed are based on user area mapping (e.g., Company → Country → Region → City).

Examples:

1. Templates added at the **company level** are displayed to all users, regardless of country or region.
2. Templates added at the **country level** (e.g., Company 1 → India) are shown to users mapped to the same country or below.
3. Templates added at the **country level** (e.g., Company 1 → India) will not appear for users mapped to other countries (e.g., Company 1 → America).
4. The same rule applies to regions and lower levels.

9.4 Release Notes

The release notes can be accessed here. The AIMS Manager version is also displayed at the bottom of the Settings menu



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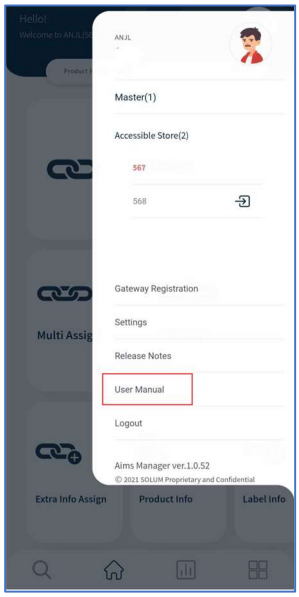
9.5User Manual

Users can view the user manual and download it to their device's internal storage.



- Navigate through the manual by sliding up and down.
- To download, click the **Download** icon. The manual will be saved to the device's **Downloads** folder.

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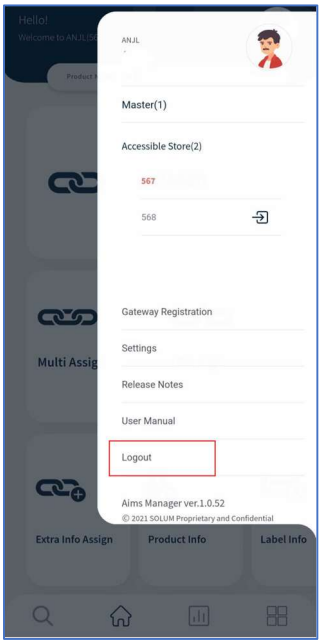
Note: *On iOS devices, the option to share the document is also available.*

9.6Logout

For security purposes, users who are no longer using AIMS Manager should log out. To do so, go to the settings menu, click **Logout**, and confirm the action in the pop-up. Once logged out, you will be redirected to the login page.



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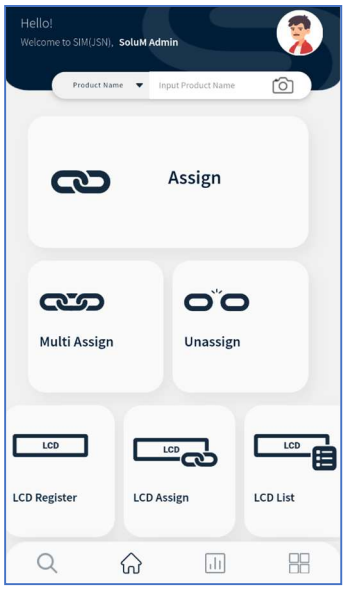
10 Appendix A

There are two types of LCDs supported:

- GEN1 LCD
- GEN2 LCD

The LCD options UI varies based on the access provided to the company.



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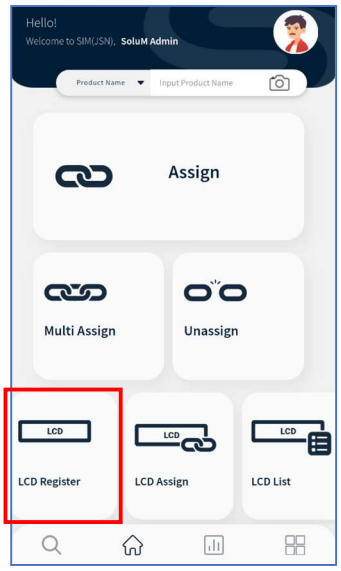
1. GEN 1

LCD Register

Follow the steps to register your Newton Touch.

1. Click on the **LCD Register** button.



2. **Scan** (or input manually or via camera) the Newton Touch UUID.
3. Create a device **Name** and select **Type** (size of the Newton Touch).

   Once registered, you will automatically be directed to the LCD Assign page to assign the device.

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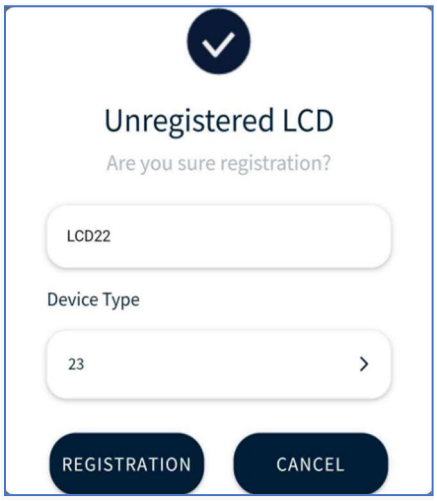
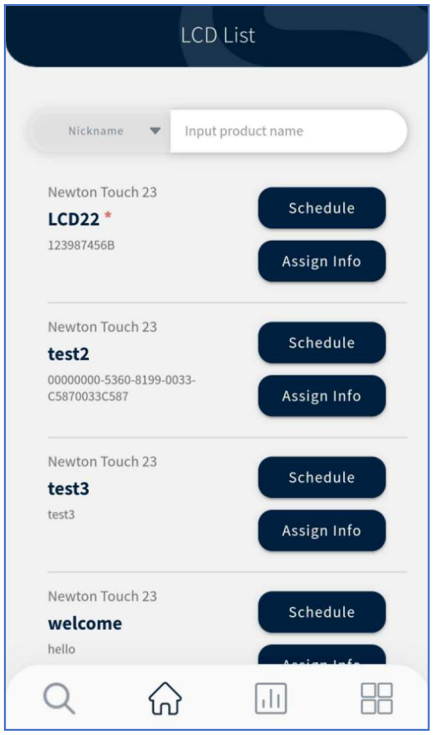


4. The page will navigate to the Assign List page by default and the registered LCD will be displayed under the LCD list.



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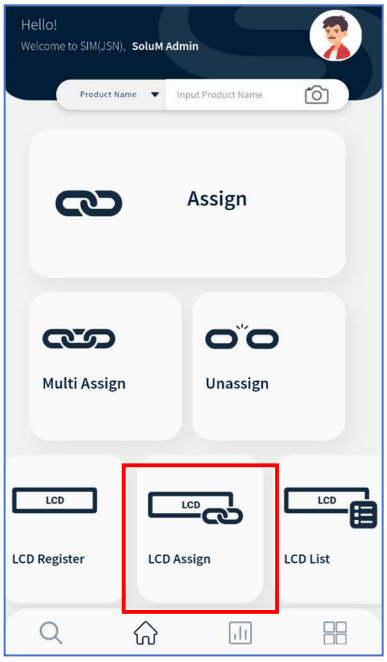
LCD Assign

To display product-specific content on the Newton Touch, the device must be assigned to product(s) and a template. You can assign templates manually to each Newton Touch or use the batch template assign if the same template will be applied to all Newton Touches.

Steps:

1. Click on the **LCD Assign** button.



2. **Scan** (or input manually or via camera) the Newton Touch UUID.
   If the device is not registered, you will be prompted with the LCD Registration pop-up page.
3. **Scan** (or input manually or via camera) the product(s) to assign to the device.

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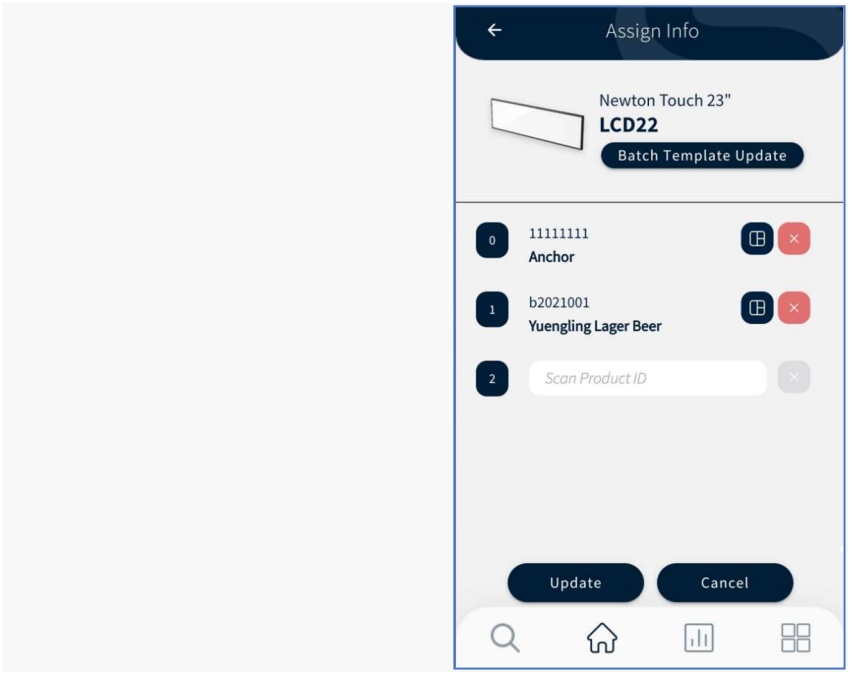

4. With the products scanned, click the **Template** button.

5. select Template from the list.

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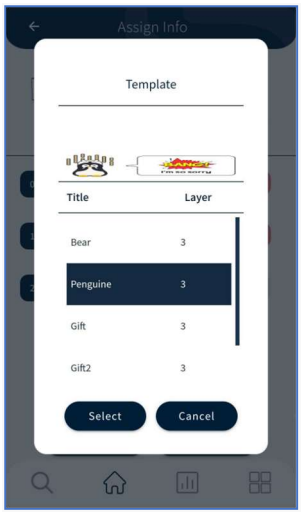
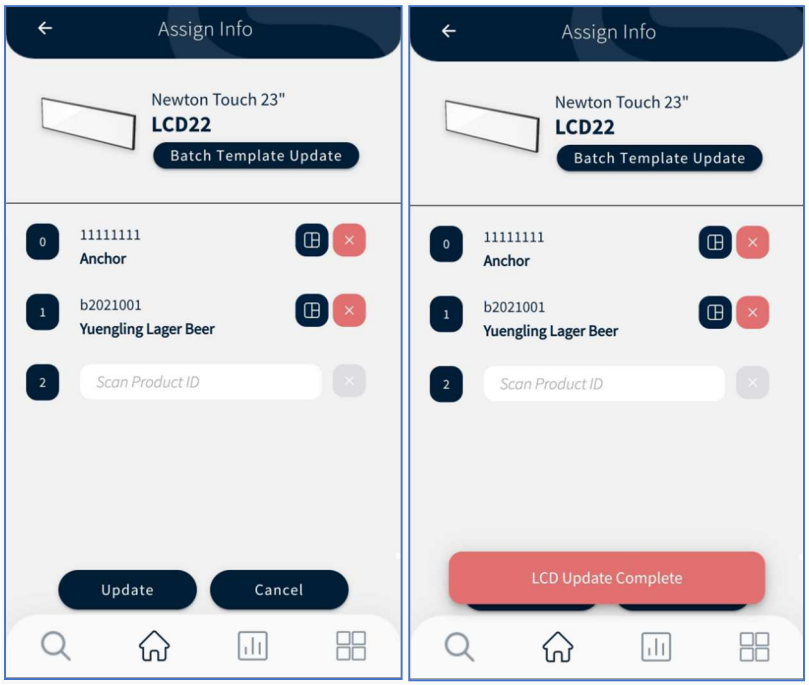


6. With all the templates defined, click **Update**.



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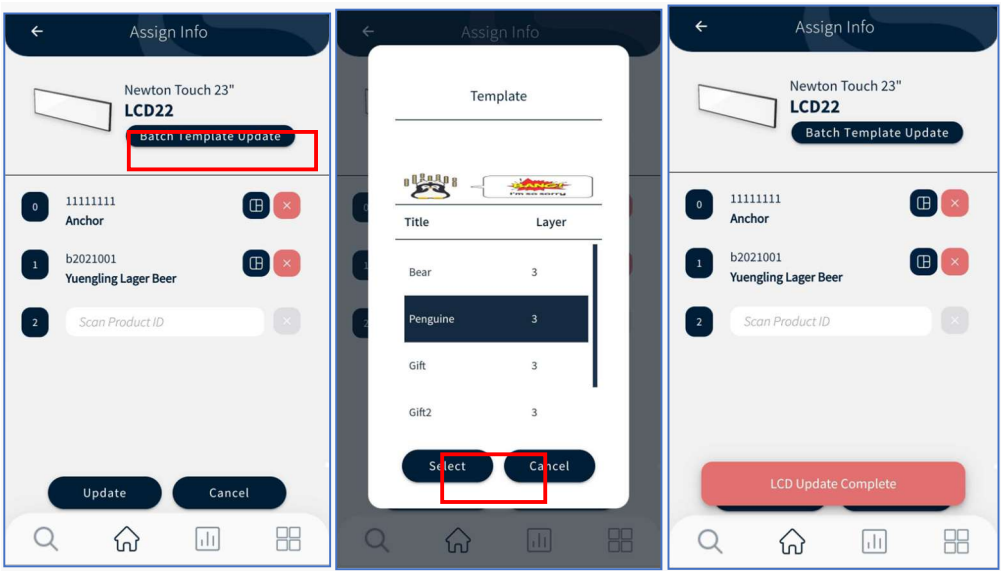
7. To batch assign all Templates, click **Batch Template Update** and **select Template.**



LCD List

After assigning the Newton Touch to a product and template, you can easily search your full lineup to review details and set schedules.

Access the LCD List

- Click the **LCD List** button to view all Newton Touch devices.
- Devices with an **Assigned status** or an active **Schedule** will be highlighted for quick access.

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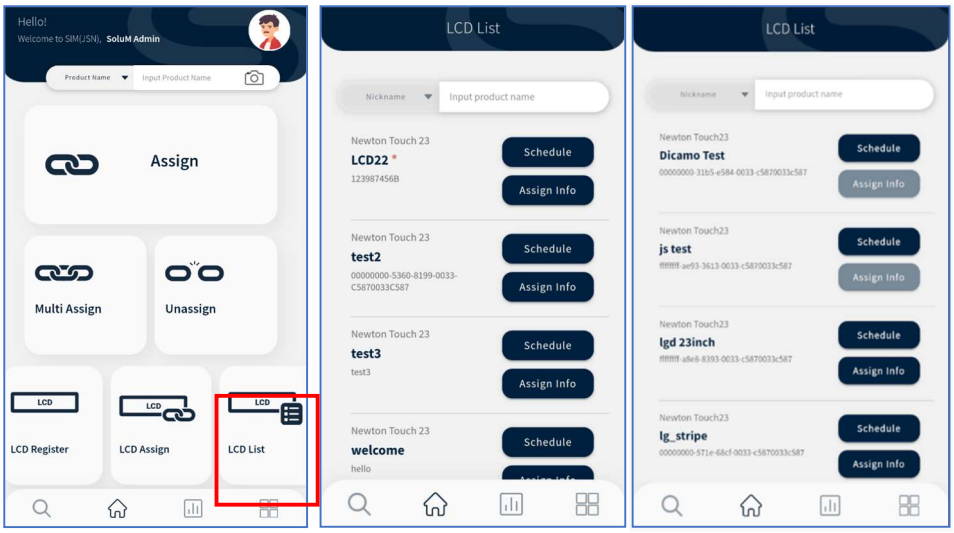
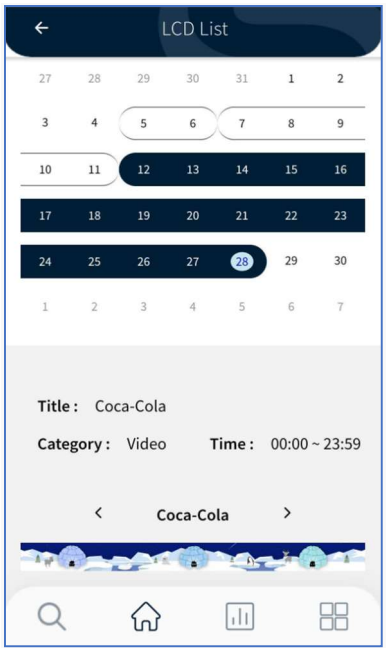


View Schedules

- Click the **Schedule** button to open the calendar view.
- The calendar will display details of the content currently being shown or scheduled to be displayed.



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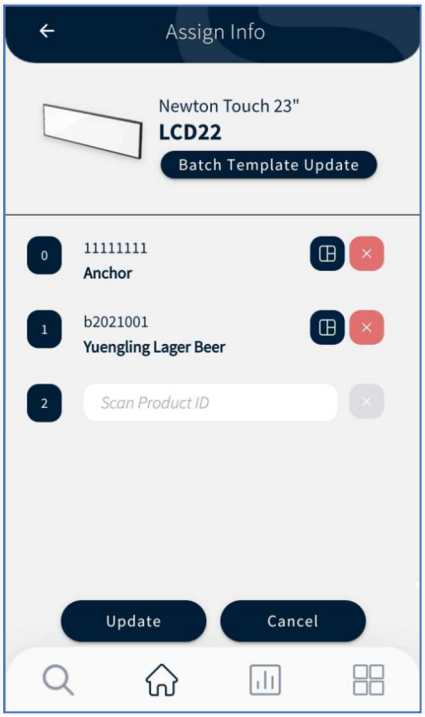
Clicking the Assign Info button will display the LCD Assign page for you to make updates



GEN 2

LCD Register

Follow the steps to register the LCD.

1. Click on the **LCD Register** button.

2. **Scan** (or input manually or via camera) the Newton Touch UUID.

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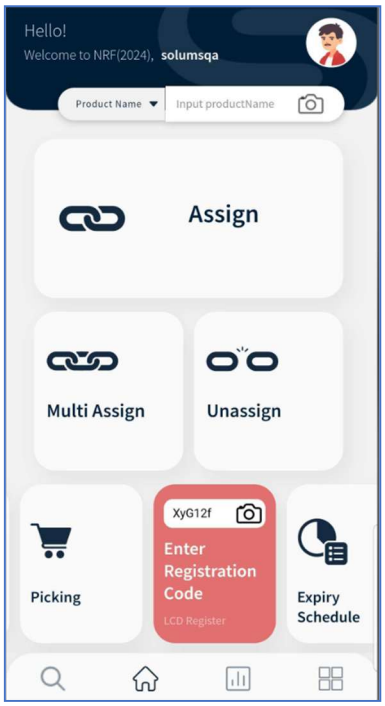
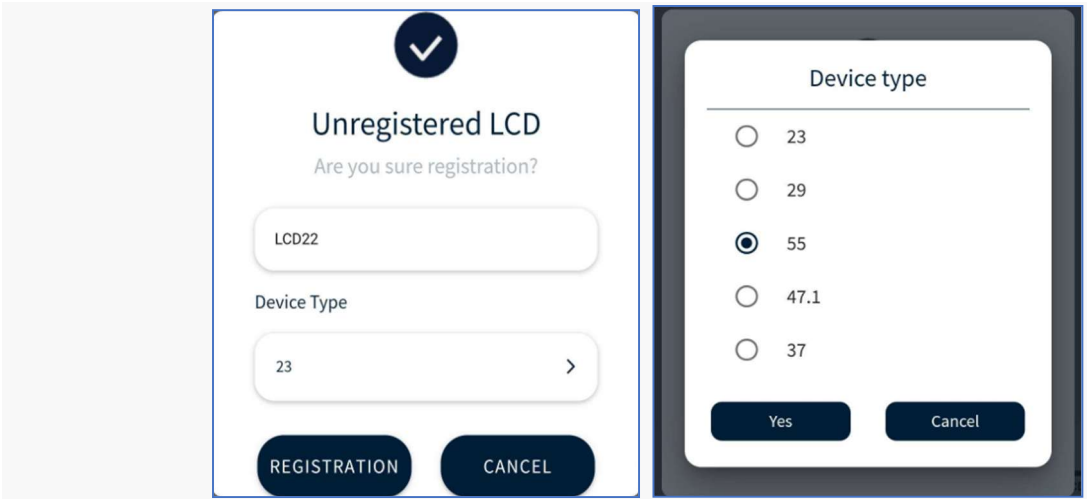


3. Create a device **Name** and select **Type** (size of the Newton Touch) from dropdown and click on Registration button to complete operation.



4. The page will navigate to the Assign List page by default and the registered LCD will be displayed under the LCD list.

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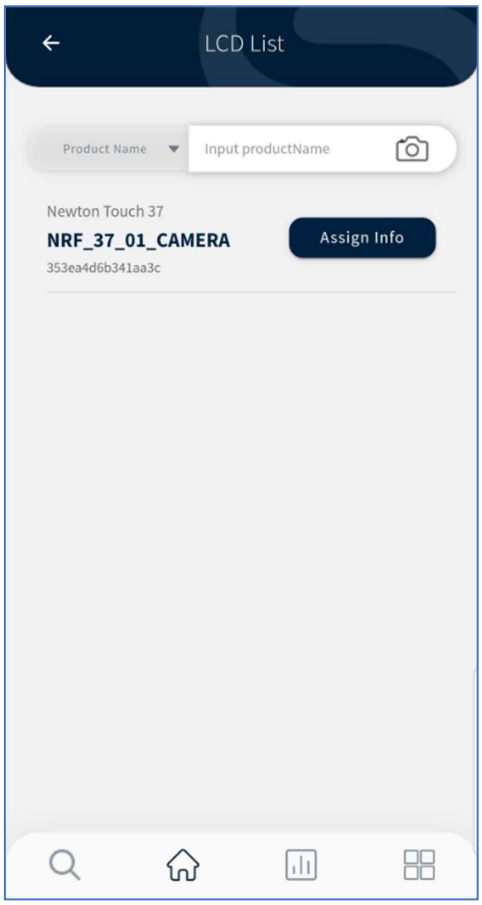

LCD List

Here list of LCD devices will be displayed and the user can view and perform product assign operations.

To display product-specific content on the Newton Touch, the device must be assigned to product(s) and a template. Users can assign templates manually to each Newton Touch or use the batch template assign if the same template will be applied to all Newton Touches.

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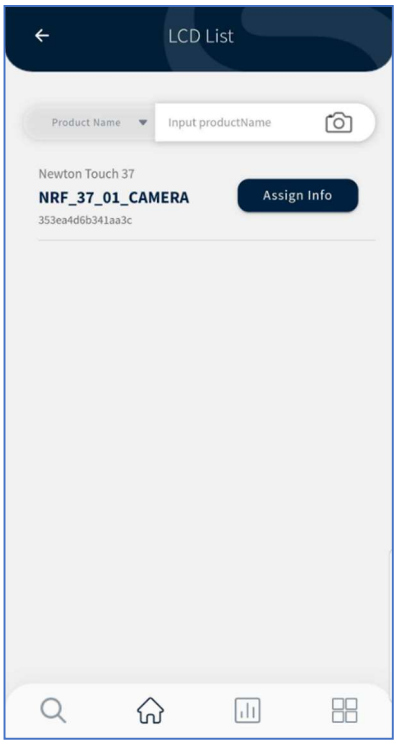
Steps:

1. Click on the **LCD List** button. A list of LCD registered will be listed.



2. Click on **Assign Info** button to naviagte to assign info page**.**

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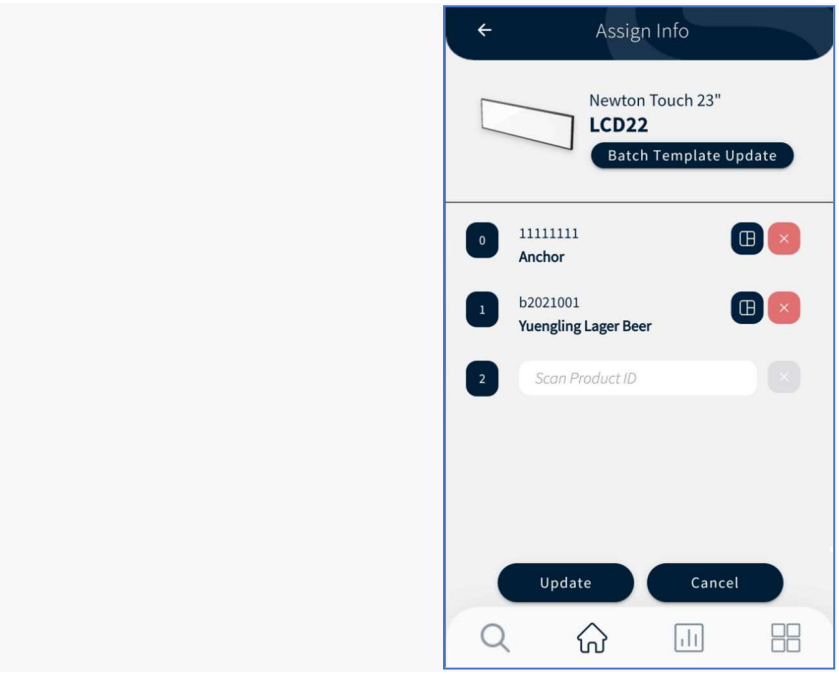
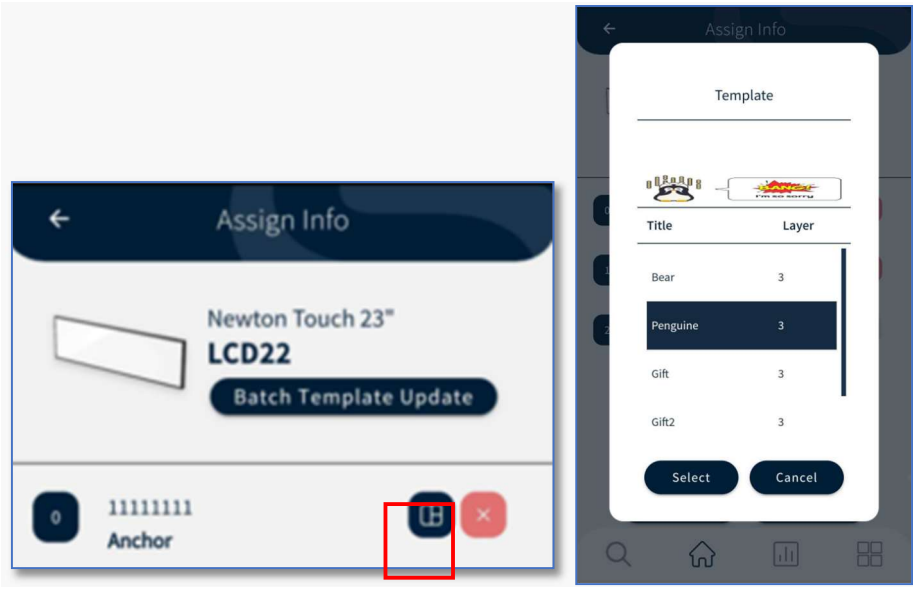


3. With the products scanned, click the **Template** button and select template from the list.



4. With all the templates defined, click **Update**.

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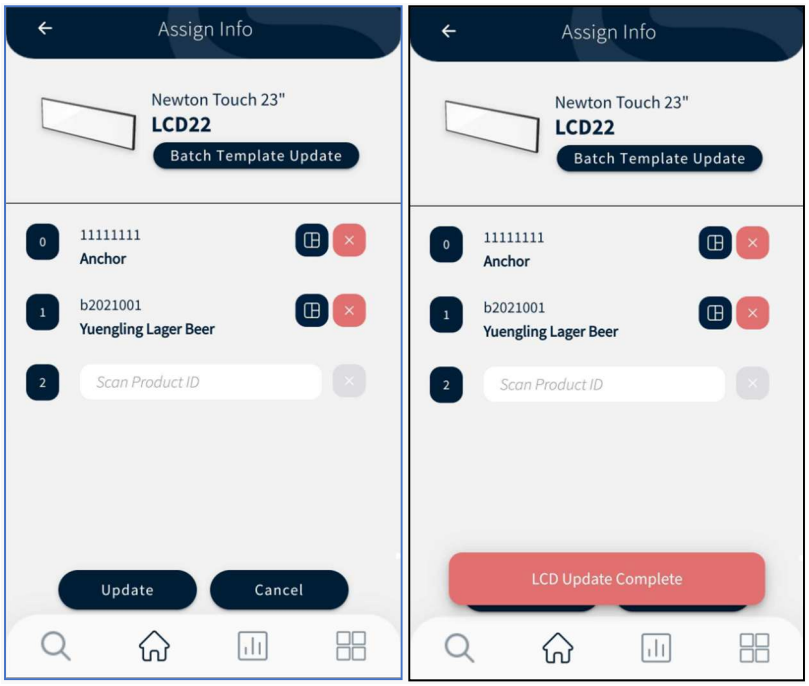
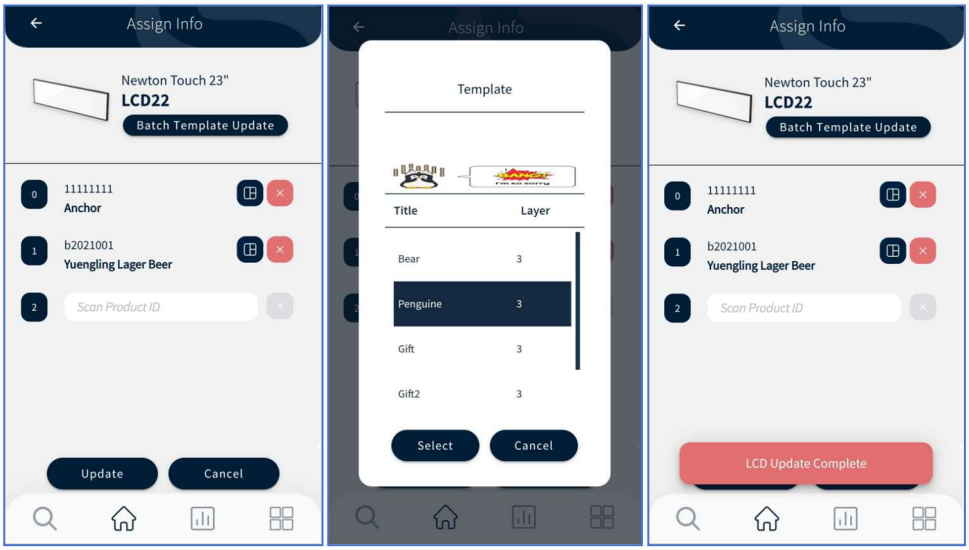


5. To batch assign all Templates, click **Batch Template Update** and **select Template.**



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11 Appendix B

ESL Expansion Packs

Picking

The PICKING menu enables users to:

- Select products from the store's product list.
- View the store's route map for efficient product picking.

Steps:

3. Click on the **picking** option from the home page

4. Enter the product ID or Picking list barcode with a valid location, it will display the Product details with the quantity. Users can increase or decrease the quantity with - and + buttons.

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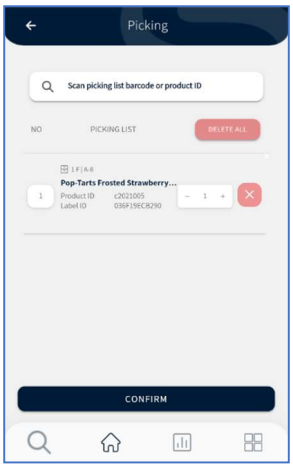
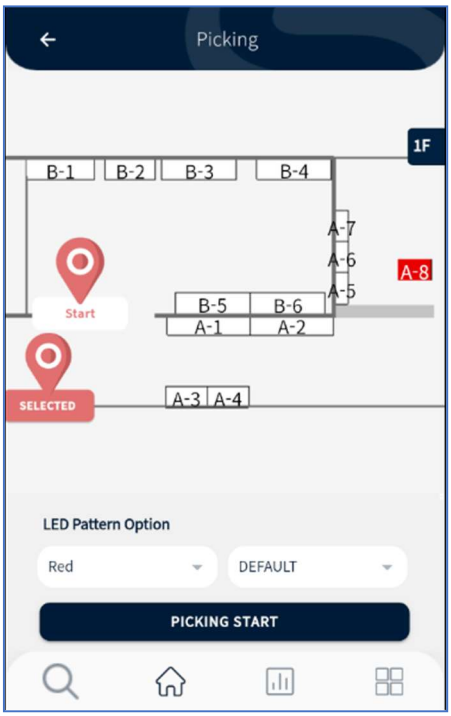


- Click the **Confirm** button to proceed.
- You will be redirected to the store map, which displays markers indicating product locations.
- Choose an entry point from the map to begin the picking process.
- Select the LED color and blinking pattern to be activated on the TAG for easy identification.
- Click the **PICKING START** button to initiate the picking process.



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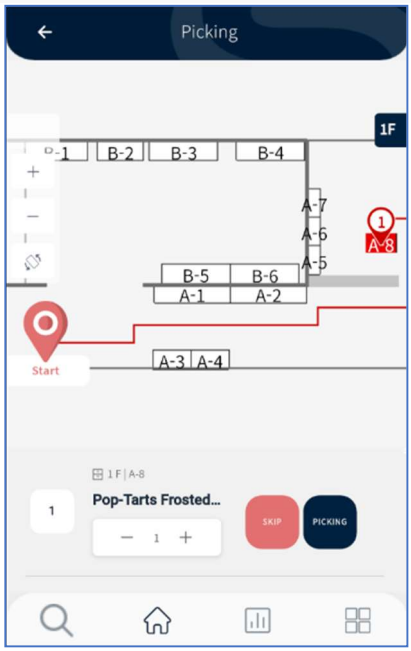
The map highlights the shortest path from the selected entry point to the first product location.

- **PICKING**: Click this button to confirm the product has been picked.
- **SKIP**: Click this button to mark the product as out of stock.

After selecting **PICKING** or **SKIP**, the map updates to display the path to the next product.The process continues until all products in the list are either picked or skipped.



- If all the product's PICKING is done, it will show the pop-up with the count of PICKED and SKIPPED products as shown below.

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Restocking

The Restocking menu allows users to:

- View the list of products that need restocking from the store's inventory.
- Access the store's route map to efficiently locate and restock products.

Steps:

1. Click on the restock option from the home page

2. Enter the Product ID in the input field

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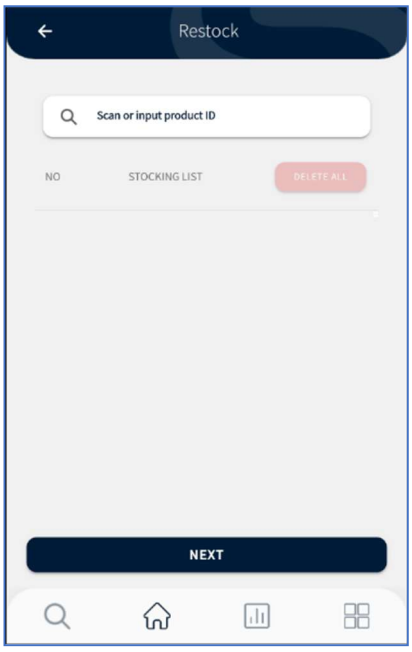
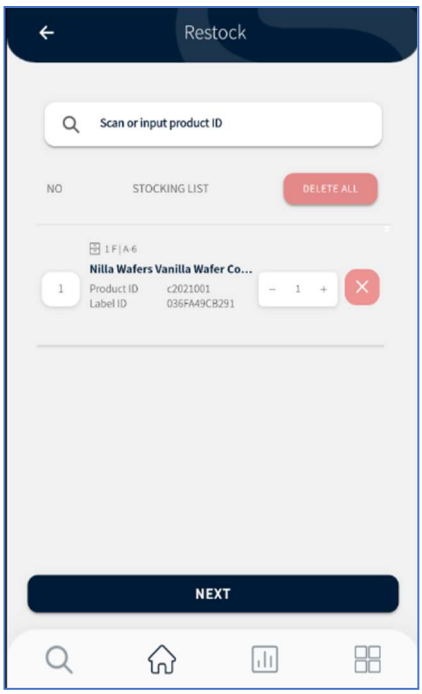


3. If the product ID with a valid location is entered, it will display the Product details with the quantity. Either increase or decrease the quantity with - and + buttons.



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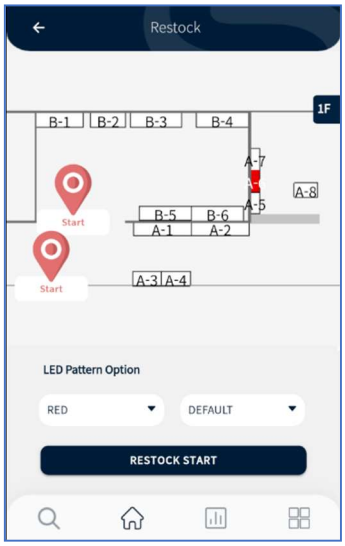
4. Once the confirm button is clicked, it will redirect to the store map with the markers placed on the product location. The map contains the entry points. We need to select the entry point, LED color, and pattern to be blinked on the TAG and finally click on the RESTOCK START button.



5. It shows the shortest path from the entry point to the first product. user can see 2 buttons, one is RESTOCK to confirm restocking, and the other is SKIP, which will mention as out-of-stock. Once either RESTOCK/SKIP is clicked, it will show the path to the next product and continue so on until all products are completed.

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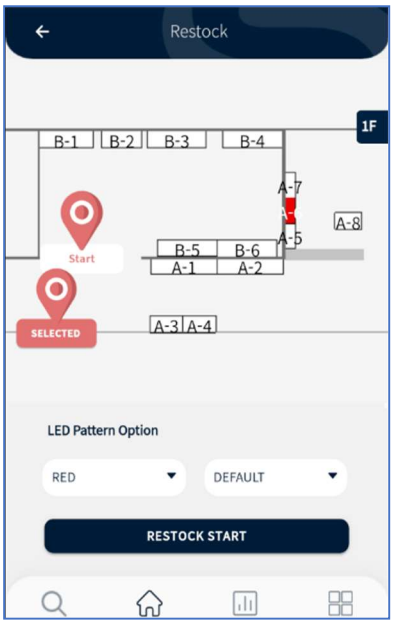
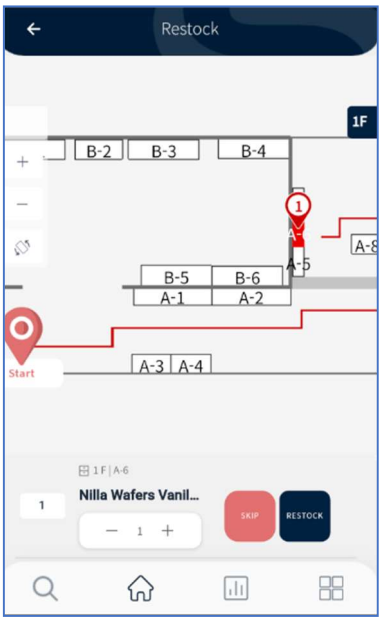
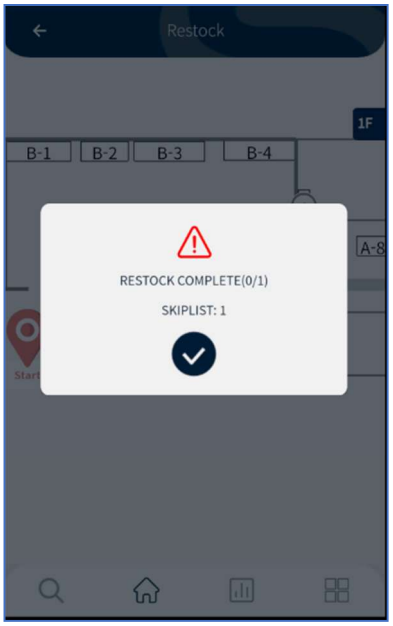
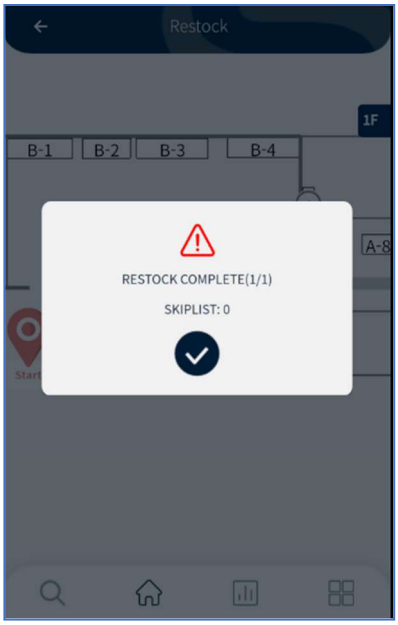




6. If all the product's RESTOCKING is done, it will show the pop-up with the count of RESTOCK and SKIPPED products.





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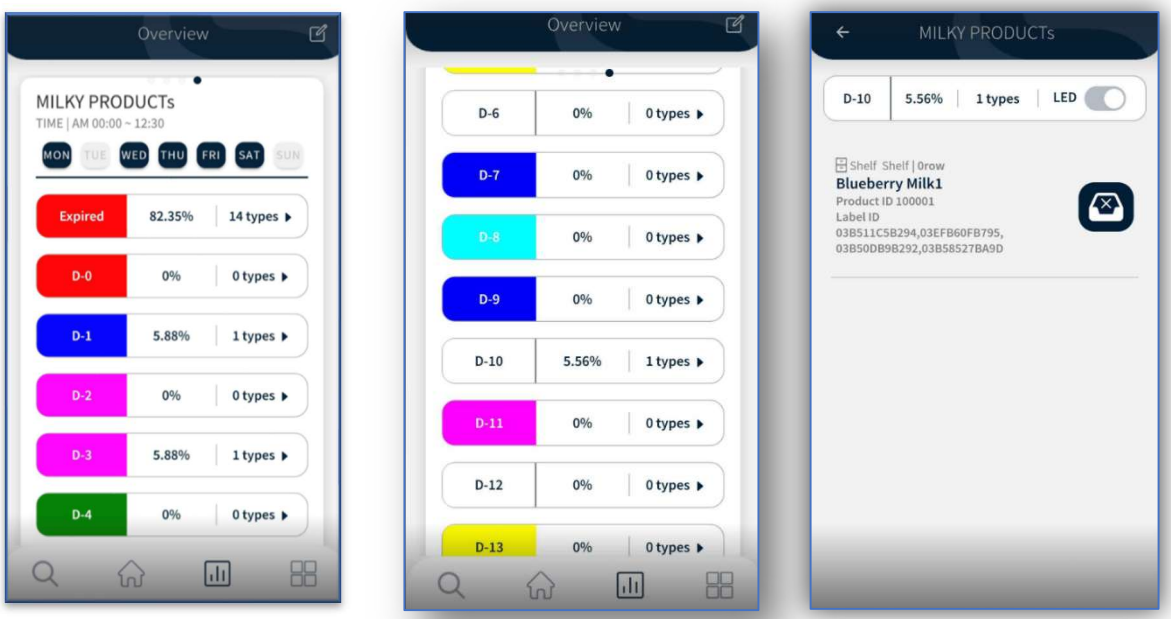
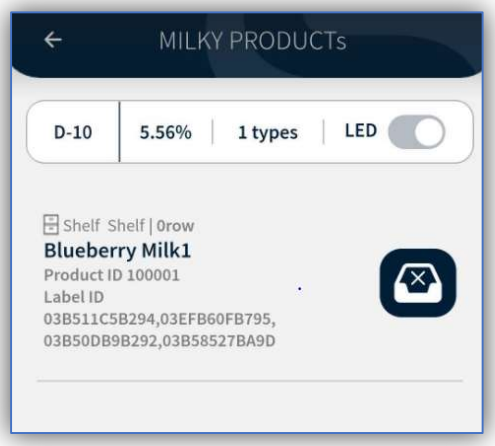
Waste Management

Here user can view all the schedules that are created from the dashboard with rules and their products.

1. Click on total products to view the expiry dates of products under the selected rule.



2. Product expiry dates can be deleted by pressing the delete icon and these products should be deleted from the Dashboard/server.



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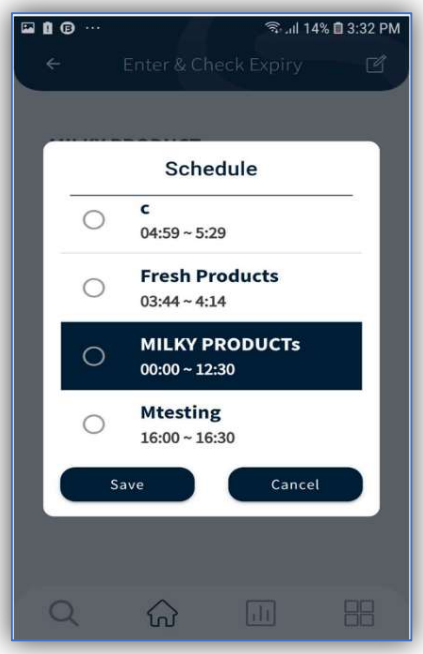
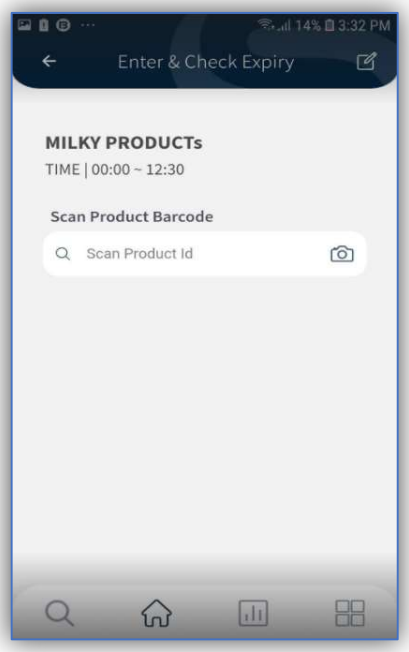
Enter & Check Expiry

Here user can enter the expiry date for the products. This option first needs to be enabled from the dashboard – PDA settings – Expansion Package.

1. Click on Enter & check the Expiry option from the homepage
2. Schedule pop-up is displayed and select the title from the pop-up to add the expiry date to the products. All the title is added from the dashboard.





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3. Enter the product ID select the expiry date from the calendar and click on confirm.
4. The expiry rule is defined from the dashboard and the color shown on the calendar is the Led color.
5. Once the expiry date is confirmed, the product list will be displayed in the Dashboard under the title selected and can be seen on the overview page. For Example: D-0 (current date) D-1 (Current date +1) and so on.

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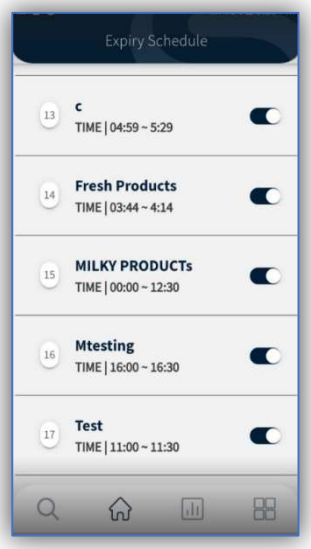
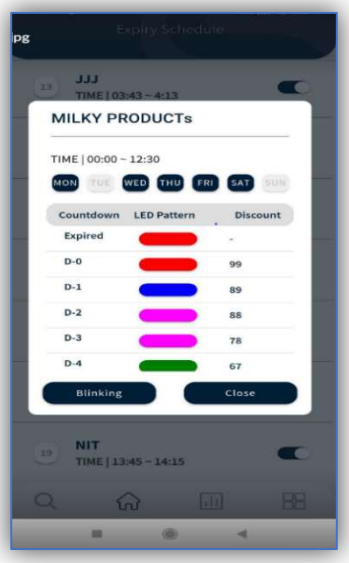
Expiry Schedule

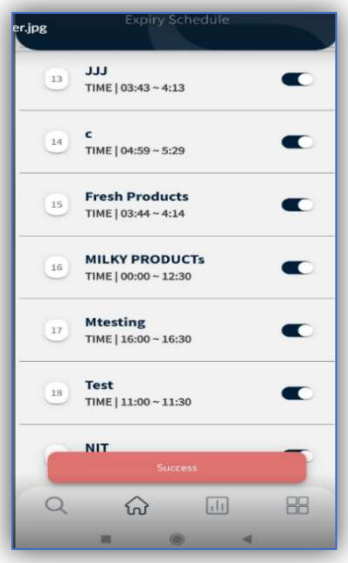
Here user can Blink the LED and flip the page to the 2nd page.

Steps:

1. Click on the Expiry Schedule option from the homepage.
2. Select the title from the schedule info and the pop-up is displayed with the title name and the rules with the discount and the LED color.
3. Click on the blinking button and the LED command will be sent to the server and the LED blinking will start on the Label. When the user manually presses the button on the label, it will shift to the 2nd page (Waste Prevention Template). After a few minutes, the page will revert to default.







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Aims
Manager

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