MANIPAL INSTITUTE OF TECHNOLOGY

MOBILE APPLICATION DEVELOPMENT

MINI PROJECT
TOPIC: **Inventory management Application (Ware-Hub)**

UI Sketch

By Team 2
Batch 4

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Splash Screen:

Splash Screen for WareHub
The **splash screen** for the **WareHub** inventory management application serves as the initial visual interface when the app is launched. It displays the app's logo and branding elements, providing a smooth transition while the app loads in the background.

Splash Screen:

Logo

Registration page:

- **User Input**: Users provide their email, username, and password.
- **Validation**: Ensure the email format is correct and the password meets security criteria.
- **Storage**: Securely store user credentials in the database with encryption.

Registration page:

Sign-up

Name
Joe

E-mail
Joe@wiz.com

Company-name
Wizard

Password
* * * *

Confirm-Password
* * * *

Sign-up

Login

Login Page:

- **User Input**: Users enter their registered email and password.
- **Authentication**: Verify credentials against the stored data.
- **Session Management**: Create a user session upon successful login to maintain user state.

Login Page:

Dashboard:

1. **Search Product:**
   - o Functionality: Allows users to quickly search for specific products within the inventory.

2. **Total Items:**
   - o Display: Shows the total number of items currently in the inventory.
   - o Update: Automatically updates as items are added or removed.

3. **Total Value of Items:**
   - o Calculation: Displays the total monetary value of all items in the inventory.
   - o Update: Reflects real-time changes based on inventory adjustments.

4. **Today's Bill Generated:**
   - o Summary: Provides a summary of all bills generated for the current day.
   - o Details: Includes total sales amount and number of transactions.

5. **Low Quantity Products:**
   - o Alert: Lists products that are low in stock.
   - o Threshold: Users can set a minimum quantity threshold to trigger alerts.

6. **Back Button:**
   - o Functionality: Enables users to return to the previous screen.

7. **Small Option Menu:**
   - o Access: Provides quick access to additional features and settings.
   - o Options: Include settings, Contact info, logout, and other relevant options.

8. **Scroll bar:**
   - o Navigates content up and down

Dashboard page:

← Wizard ☰

"Search Product" 🔍

Total items

125

Total valuation

Rs. 1,00,000

Bill generated Today
Bill valuation: 50000/-
Number of bills :- 5

Scrolled View:

← Wizard ☰

Total items

125

Total valuation

Rs. 1,00,000

Bill generated Today
Bill valuation: 50000/-
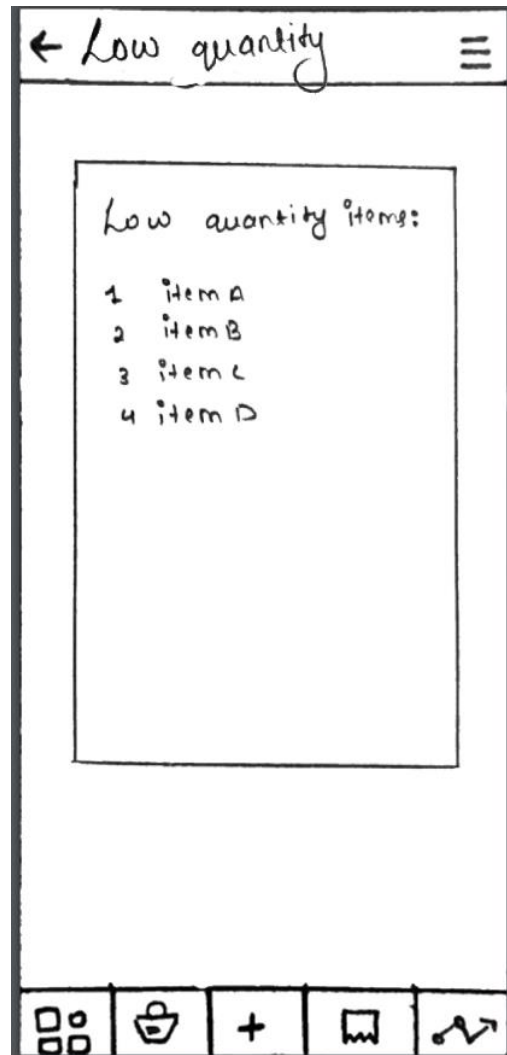Number of bills :- 5

Low quantity
items

View Low Quantity Items

- View the list of low Quantity of items

Low Quantity item page:

← Low quantity ☰

Low quantity items:

1 item A
2 item B
3 item C
4 item D

Menu:

- **Profile**: View and manage user profiles.
- **Settings**: Configure app preferences.
- **Contact Info**: Access contact details.
- **Logout**: Log out of the app.

Menu page:

← Wizard

Joe
Joe@wiz.com

Settings

Contact info

Logout

Dashboard

Manage items:

The "Manage Items" screen allows users to view, add, edit, and delete inventory items. It serves as a central hub for managing the stock within the system.

- List details like name, quantity, price, and category.
- Implement search, filters, and CRUD operations.

Manage items page:

Edit items:

- Allow users to modify existing item details such as price, quantity, and name.
- Scan Barcode feature to add items.

Edit item page:

Edit items:

- Allow users to modify existing item details such as price, quantity, and Name.
- Scan Barcode for auto editing the product.
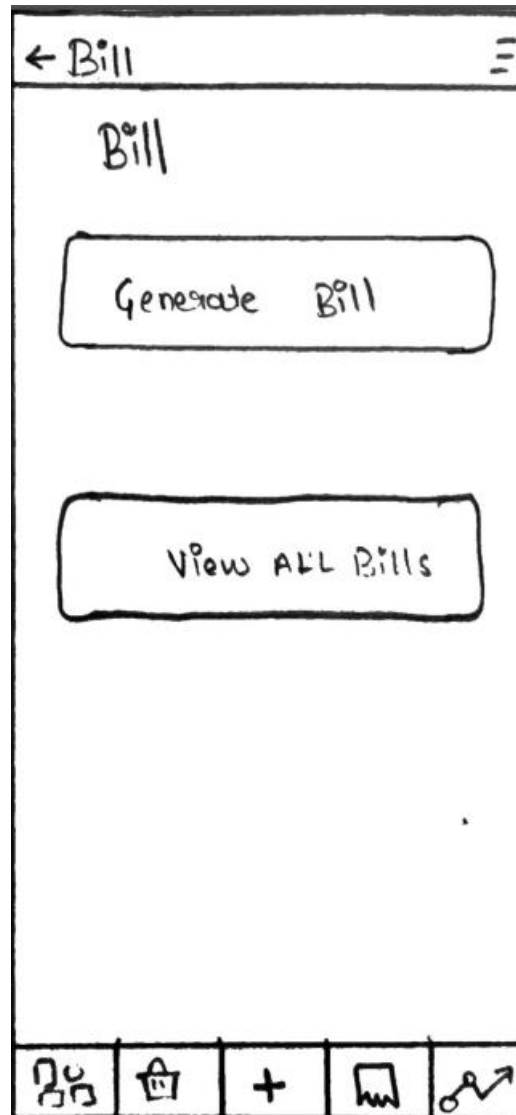- Provide a user-friendly interface for seamless editing.

Edit items page:

← Item ☰

Name
A

Quantity
5

Price
200

Scan

Save

Bill

- Bill page have two buttons Generate Bill and View Bills redirecting to separate page respectively

Bill page:

Generate Bill

1. **Item Selection**:
   - Identify the items that need to be included in the bill
2. **Calculate Total**:
   - Sum up the prices of the selected items.
3. **Display Bill**:
   - Create a clear and organized bill format.
   - Include item names, quantities, individual prices, and the total amount.
4. **Print or Share**:
   - Provide an option to print the bill

Generate Bill:

View Bill

- Retrieve bill data (such as itemized details and total amount) from your database.
- Allow users to select a bill they want to delete.

View bill page:

Report

CSV Export:

- Format the retrieved data into a CSV (Comma-Separated Values) format.
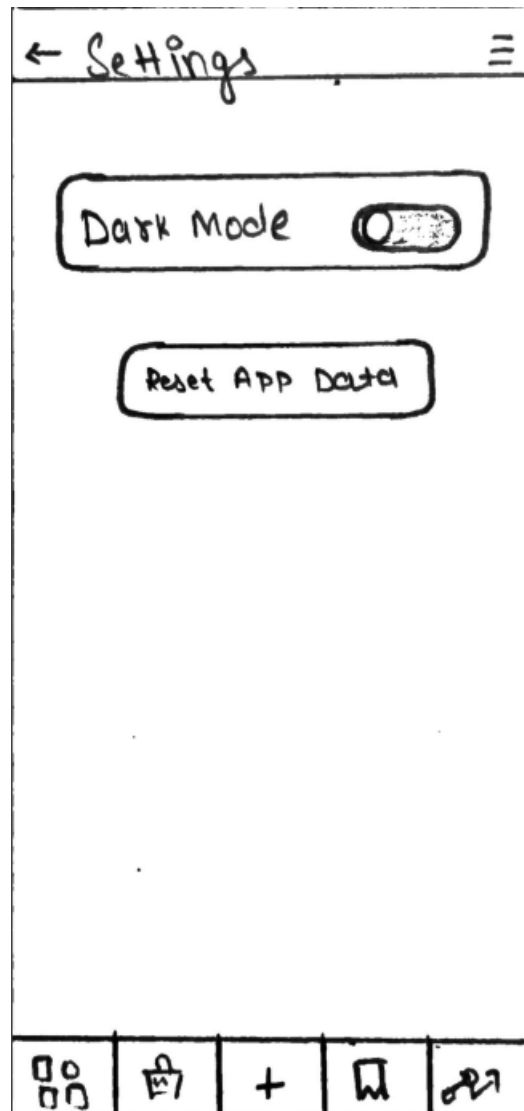
Report Download page:

Settings:

Reset App Data

- **Purpose**: Allows users to restore an app to its default state.

Dark Mode

- **Purpose**: Adjusts the system-wide color scheme to a dark background.

Settings page:

Contact Info

- Developer contact page

Contact Info page:

← Contact us   ☰

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