



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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Table of Contents:

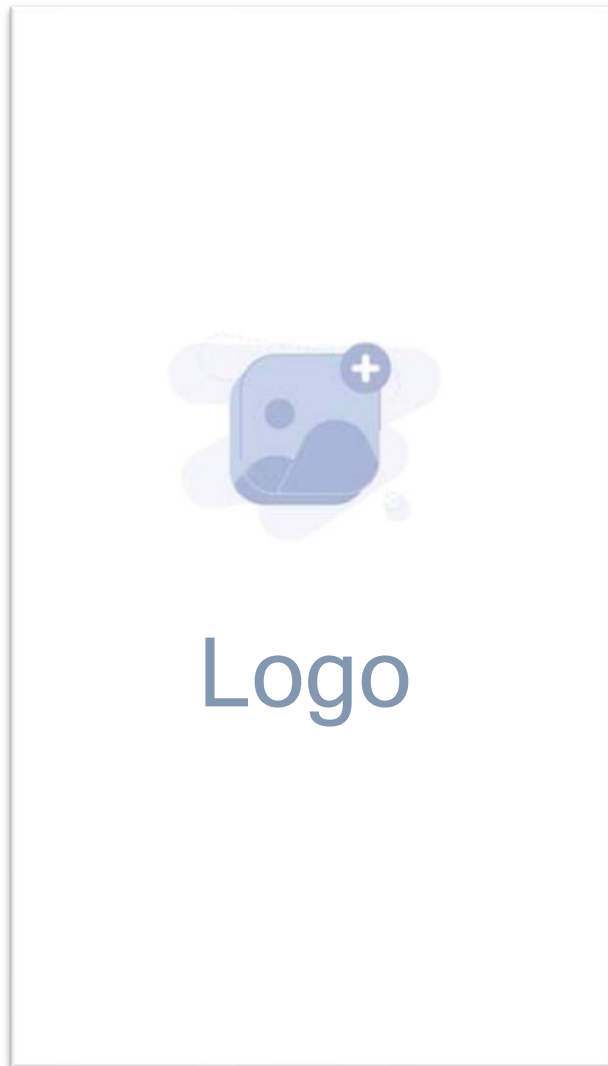
No	UI Page Name	Page no
1.	Splash Screen	
2.	Registration	
3.	Login	
4.	Forget Password	
5.	Dashboard	
6.	View Low Quantity Items	
7.	Menu button:	
8.	Manage items	
9.	Edit items	
10.	Add items	
11.	Bill	
12.	Generate Bill	
13.	View Bill	
14.	Report	
15.	Report download window	
16.	Settings	
17.	Contact us	

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:



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:

A hand-drawn sketch of a registration form titled "Sign-up". The form is enclosed in a rectangular border and contains the following elements:

- Name:** A text input field containing the text "Joe".
- E-mail:** A text input field containing the text "Joe@wiz.com".
- Company-name:** A text input field containing the text "Wizcom".
- Password:** A text input field containing four asterisks "****".
- Confirm-Password:** A text input field containing four asterisks "****".
- Sign-up:** A rounded rectangular button containing the text "Sign-up".
- Login:** A text label containing the text "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:

A hand-drawn sketch of a login page interface. The page is titled "Login" in a large, handwritten font. Below the title, there is a rectangular box containing the following elements: a label "username" above a text input field containing the text "Joe"; a label "Password" above a text input field containing four asterisks "****"; and a rounded rectangular button labeled "Login". Below the "Login" button, the text "sign up" is written in a smaller, handwritten font.

Dashboard:

1. Search Product:

- Functionality: Allows users to quickly search for specific products within the inventory.

2. Total Items:

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

3. Total Value of Items:

- Calculation: Displays the total monetary value of all items in the inventory.
- Update: Reflects real-time changes based on inventory adjustments.

4. Today's Bill Generated:

- Summary: Provides a summary of all bills generated for the current day.
- Details: Includes total sales amount and number of transactions.

5. Low Quantity Products:

- Alert: Lists products that are low in stock.
- Threshold: Users can set a minimum quantity threshold to trigger alerts.

6. Back Button:

- Functionality: Enables users to return to the previous screen.

7. Small Option Menu:

- Access: Provides quick access to additional features and settings.
- Options: Include settings, Contact info, logout, and other relevant options.

8. Scroll bar:

- Navigates content up and down

Dashboard page:

← Wizard

"Search Product" Q

Total items
125

Total valuation
Rs. 1,00,000

Bill generated Today
Bill valuation: 59000/-
Number of bills: 5

+

Scrolled View:

← Wizard

Total items

125

Total valuation

Rs. 1,00,000

Bill generated Today

Bill valuation: 59000/-

Number of bills: 5

Low quantity items

☐☐

🛒

+

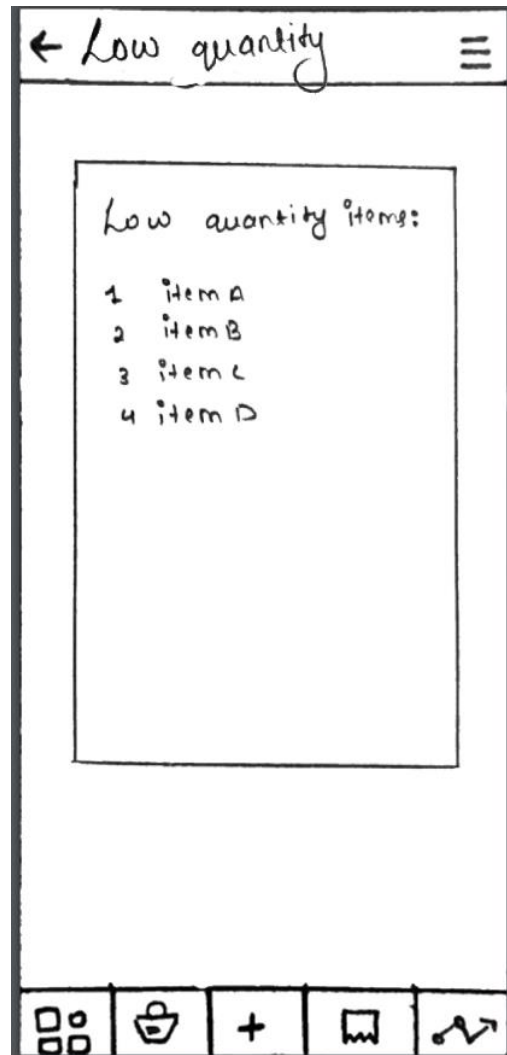
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View Low Quantity Items

- View the list of low Quantity of items

Low Quantity item page:



Menu:

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

Menu page:



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:

← Manage Item

ALL Items

Search Item

Name	Qty	Price	value	Delete
A	20	750	15000/-	
B	15	300	4500/-	
C	13	400	5200/-	
D	4	500	2000/-	

Navigation bar icons: Grid, Trash, Plus, Document, Line Graph

Edit items:

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

Edit item page:

← Item

Name
A

Quantity
5

Price
200

Scan

Add +

Navigation bar icons: Grid, Shopping Cart, +, Barcode, Line Graph

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.

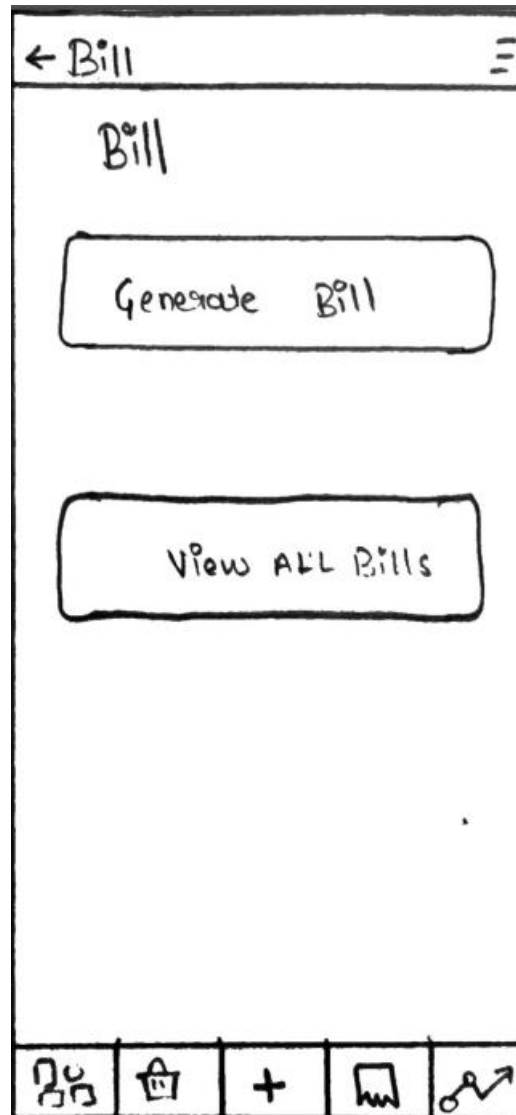
Edit items page:

A hand-drawn sketch of a mobile application screen titled "Item". The screen features three input fields for editing item details: "Name" (containing "A"), "Quantity" (containing "5"), and "Price" (containing "200"). Below these fields is a "Scan" button, and further down is a "Save" button. At the bottom of the screen is a navigation bar with five icons: a grid of four squares, a shopping cart, a plus sign, a barcode, and a line graph with an upward arrow. The top of the screen has a back arrow and the title "Item", and a menu icon (three horizontal lines) is in the top right corner.

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:

← Generate Bill

Name

Date

Due Date

Add items

Qty

Item Name	Price	Qty	Value
A	200	2	400
B	400	1	400

Generate

Total Item : 3
Total bill : 800

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:

The image shows a hand-drawn mobile app interface for a 'View Bills' page. At the top, there is a header bar with a back arrow and the text 'View Bills', followed by a hamburger menu icon. Below the header, the text 'Search bills' is displayed. Underneath is a search input field containing the text '"bills"' and a magnifying glass icon. Below the search field is a table with four columns: 'Name', 'bill no', 'bill value', and 'Download/Delete'. The table contains two rows of data: Row 1: 'A', '7', '4000/-', and a download/delete icon; Row 2: 'B', '10', '2000/-', and a download/delete icon. At the bottom of the screen is a navigation bar with five icons: a grid of four squares, a shopping cart, a plus sign, a Twitter logo, and a share icon.

Name	bill no	bill value	Download/Delete
A	7	4000/-	↓ 🗑️
B	10	2000/-	↓ 🗑️

Report

CSV Export:

- Format the retrieved data into a CSV (Comma-Separated Values) format.

Report Download page:

Generate Report

add name to generate report

final-report.csv

check download

Generate

Settings:

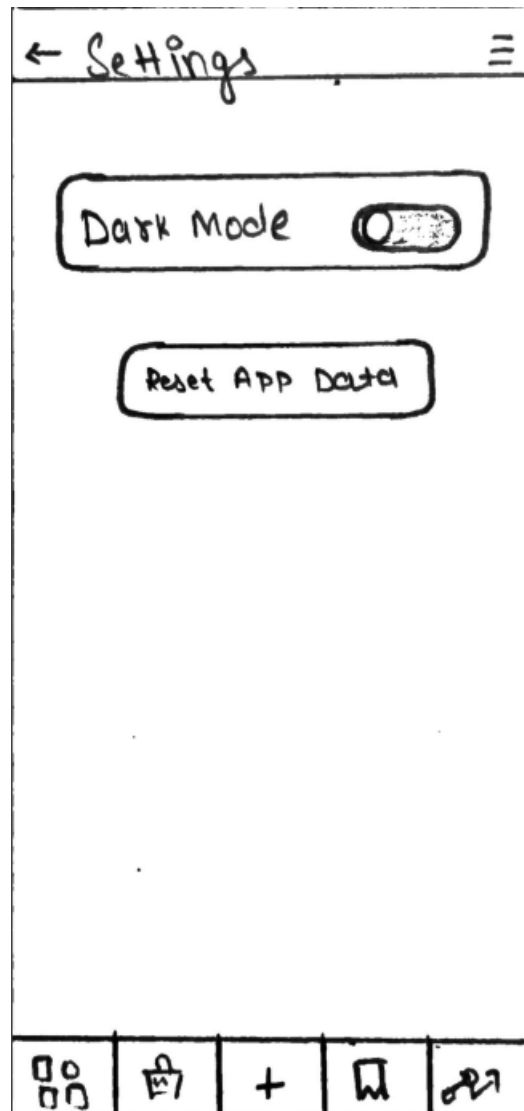
Reset App Data

- **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:

