

PROJECT 1:

User Interface Design

ORDER MANAGEMENT SYSTEM

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Course: BCA (semester 4)

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Introduction

The User Interface (UI) is the first point of interaction between user and an application. In this project, we design and analyze a web-based order management system used by the wholesale garment business to streamline order, stock removal, billing, and dispatch operations.

Project By Hemant Borana

Problem Statement

Background and Business Context

Coming from a traditional wholesale garment business background, I have observed the daily operations and challenges faced by different staff members since childhood. Our family business has evolved from completely manual processes to partial digitization, yet significant inefficiencies remain across all operational levels.

As a student with background from a traditional wholesale garment business setup, I have seen how the business functions since childhood and the problems faced by different staff.

Current System Overview

Our business currently operates a hybrid system where salesmen take orders from retail stores, warehouse staff fulfill these orders, and billing staff process the final invoices. While we have moved from traditional paper-based methods to using WhatsApp groups for communication, the core workflow challenges persist and, in some cases, have become more complex.

Traditional System Problems (Pre-Digital Era)

Salesperson Challenges

In the traditional setup, salesmen would visit 30-40 retail stores daily, manually recording orders in notebooks. For stock inquiries, they had to call office staff repeatedly throughout the day, creating interruptions and delays. At day's end, salesmen were required to visit the office to transfer all handwritten orders into the official order book—a time-consuming process that often resulted in transcription errors, duplicate entries, and illegible handwriting issues.

Warehouse Staff Challenges

Warehouse staff collected the physical order book from the office and used it to pick stock in the warehouse. The process involved constantly flipping through pages to find older orders, manually ticking off items as they were collected, and struggling to maintain clear records of what had been fulfilled. This paper-based tracking system made it nearly impossible to efficiently locate specific orders or maintain accurate inventory records.

Billing Staff Challenges

Billing staff had to interpret handwritten tick marks and notes to generate invoices, often struggling to decipher unclear markings. Finding and processing older orders was particularly challenging, as previously ticked items could be confused with new entries, leading to billing errors and customer disputes.

Modern System Problems (Currently WhatsApp-Based System)

Enhanced Salesman Challenges

While WhatsApp groups simplified communication, salesmen still face the fundamental problem of manual order entry. Although stock inquiries can now be resolved through group messages, the core issue of writing orders by hand remains. Additionally, managing multiple WhatsApp conversations with different stores has created new coordination challenges, and important messages can be easily lost in busy group chats.

Intensified Warehouse Staff Challenges

The shift to mobile-based order management has created new complications for warehouse staff. Viewing orders on small phone screens while physically moving through the warehouse is cumbersome and inefficient. Tracking completed items requires constant screen interaction, which is impractical when handling inventory. Furthermore, as new orders are added to WhatsApp groups, older orders become buried, requiring extensive scrolling to locate previous entries.

Complicated Billing Staff Challenges

Modern digitization has actually increased the billing staff's workload rather than reducing it. In addition to their traditional invoicing duties, they now must cross-reference WhatsApp messages with physical goods, manually track pending items in separate notebooks, and reconcile discrepancies between digital orders and actual stock movements. The lack of integration between communication tools and billing systems has created additional administrative burden.

Core Problems Identified

- 1. Inefficient Information Flow:** Critical business information is scattered across multiple platforms (notebooks, WhatsApp, order books) with no centralized system.
- 2. Manual Data Entry Redundancy:** The same order information is written, rewritten, and re-entered multiple times across different stages of the process.
- 3. Poor Mobile Usability:** Current WhatsApp-based system is not optimized for warehouse operations or professional order management.
- 4. Lack of Real-Time Tracking:** No system exists to track order status, inventory levels, or fulfillment progress in real-time.
- 5. Error-Prone Processes:** Manual transcription and interpretation of handwritten or digital messages leads to frequent mistakes in orders, billing, and inventory management.
- 6. Inefficient Search and Retrieval:** Finding specific orders, especially older ones, requires significant time and effort across all user groups.

Project Goals

Goal 1: Improve Mobile Usability

- Make order placement faster
- Reduce clicks needed for common tasks
- Improve touch-friendly interface design

Goal 2: Enhance Order Management

- Clear order status indicators
- Better prioritization system for warehouse staff
- Improved search and filter capabilities

Goal 3: Better Management Dashboard

- Real-time pending order visibility
- Clear pending to be billed order visibility
- Simplify stock removal and billing workflows

Goal 4: Overall User Experience

- Reduce training time for new users
- Minimize user errors
- Increase system adoption rate

User Analysis

The interface is designed for multiple user types, each with distinct roles and responsibilities in the retail order management system.

1. Retailers (External Users) - Separate App

Retailers use a dedicated mobile/web app to:

- Place orders, check stock availability, and monitor order status
- Securely login with an ID & password, linking their party details to every order
- Ensure real-time stock visibility before placing orders

2. Salesman (Field Agent)

Salesman operate through a mobile-friendly interface optimized for speed and ease of use. They:

- Quickly place orders for retail clients
- Check stock before confirming the order
- Ensure efficient order submission for warehouse processing

3. Warehouse Staff (Order Processing Team)

Warehouse staff use a dashboard interface to:

- View all pending orders from both retailers and salesman
- Manage stock dispatch
- Progress orders to the billing stage once dispatched

4. Accounting Staff

Accounting staff handles final billing and stock updating:

- Converts the orders from bill section to the sent section (ready for dispatch)
- Marks orders as sent, completing the process
- Updates the stock whenever new stock from the company is received

5. Owner/Admin Staff

The admin oversees system functionalities without direct input. They:

- Monitor workflow efficiency and order progress

Task Analysis

The system operates in two primary interfaces:

1. **Retailer:** Uses a dedicated app for ordering and stock tracking
2. **Other User Roles:** Share a common platform for order management, dispatching, billing, and monitoring

Primary Task Flow 1: Retailer Places Order (Separate App)

Current Process Steps:

1. **Login to the Retailer App** using **ID & password** for secure access.
2. **Check Stock Availability** under the **Stock Section**.
3. **Search for specific products** using keywords.
4. **Choose the color** for the selected product.
5. **Enter the quantity** in the input field preceding the size selection.
6. **Add products to the cart** for order placement.
7. **Review cart contents** and confirm quantities.
8. **Submit the order** (party details are attached automatically).
9. **Receive confirmation** of order submission.
10. **Track order status:**
 - o **Order Placed** →
 - o **Order Sent to the Wholesaler** →
 - o **Order Approved or Rejected by the Wholesaler**

Time Required: 3-4 minutes per order

Frequency: N number of orders per day (but approval or rejection of order is in the admin/owner's hand)

Issues Identified:

- No option to modify the order or party details after placing the order
- Some delay in showing order confirmation (4-5 seconds)

Primary Task Flow 2: Salesman Places Order

Current Process Steps:

1. **Login to system** (no auto logout, only admin/owner has the option to give or take authorization for using).
2. **Go to orders section**
3. **Search the Retailer Name**
4. **Search for specific products.**
5. **Choose the color**
6. **Enter the quantity** in the input field preceding the size selection
7. **Add products to cart.**
8. **Review cart contents.**
9. **Submit order.**
10. **Receive confirmation message.**

Time Required: 3-4 minutes per order

Frequency: No limit of daily orders

Issues Identified:

- **Cannot check the stock in middle of order placing**
- **Cannot download the order confirmation**

Primary Task Flow 3: Warehouse Processes Order

Current Process Steps:

1. **Login to system** (no auto logout, only admin/owner has the option to give or take authorization for using).
2. **View pending orders in pending order section**
3. **Scroll to that order or use filter for party name**
4. **Review order details**
5. **Gather items in warehouse**
6. **Mark items as collected**
7. **Send the marked items to billing section**

Time Required: Depending on the order length (approximately 3-5 minutes per order)

Frequency: No limit

Issues Identified:

- **Once items from the order have been sent to billing section they cannot be reverted back**

Primary Task Flow 4: Order Billing

Current Process Flow:

1. **Login to system** (no auto logout, only admin/owner has the option to give or take authorization for using).
2. **View the billing order section which are waiting for billing**
3. **Match the order and the stock removed**
4. **Bill the order in the main billing software**
5. **Send the order to the sent order section** (partial and full order based on items billed)

Time Required: Depending on the order length (approximately 3-5 minutes per order)

Frequency: No limit

Issue Identified: Once order has been sent from billing to sent section it cannot be reverted back

Domain Analysis

Working Environment Context

Salesman Context:

- **Physical Environment:** Vehicle, client offices, outdoor locations
- **Technology Constraints:** Mobile data connectivity, battery life concerns
- **Time Pressures:** Limited time between client meetings
- **Tools Used:** Smartphone, occasionally tablet, paper backup
- **Interruptions:** Phone calls, client questions, traffic

Impact on Design:

- Interface must work with one hand
- Large buttons for easy tapping
- Quick load times essential
- Professional, clean appearance

Warehouse Context:

- **Physical Environment:** Busy warehouse, multiple workstations
- **Technology Setup:** Desktop computers, barcode scanners, printers
- **Time Pressures:** Order fulfillment deadlines, shipping schedules
- **Tools Used:** Computer, scanner, phone for communication
- **Interruptions:** Phone calls, urgent orders, team meetings

Impact on Design:

- Large, clear displays
- Keyboard shortcuts for efficiency
- Integration with barcode systems
- Clear status indicators

External Factors

- **Business Hours:** 8 hours a day
- **Peak Seasons:** August-September
- **Technology Infrastructure:** Internet reliability, server uptime
- **Competitive Pressure:** Speed and accuracy requirements

Requirements Analysis

Functional Requirements

For Salesmen Interface:

1. **Mobile-Optimized Design**
 - o Touch-friendly buttons (minimum 44px)
 - o Responsive layout for all screen sizes
2. **Enhanced Product Search**
 - o Suggestions functionality
 - o Focused products quick access
3. **Streamlined Order Process**
 - o Maximum 5 steps to complete order

For Warehouse Interface:

1. **Order Prioritization System**
 - o Order note priority levels
2. **Stock Indication:**
 - o Color-coded stock indication for items (full quantity and partial quantity)
3. **Clear Information Display**
 - o Large, readable fonts (minimum 14px)
 - o High contrast colors
4. **Order Exporting**
 - o Excel order exporting of orders

For Management Interface:

1. **Real-Time Dashboard**
 - o Live order status updates
2. **Analytics and Reporting**
 - o Export capabilities (PDF, Excel)
3. **Mobile Management Access**
 - o Responsive dashboard for mobile devices
 - o Push notifications for new orders
 - o Quick approval capabilities

Non-Functional Requirements

Performance Requirements:

- Page load time: Maximum 3 seconds
- Mobile responsiveness: All screen sizes 320px+
- Browser compatibility: Chrome, Firefox, Edge

Usability Requirements:

- New user training time: Maximum 15 minutes
- Error rate: Less than 5% for common tasks

Security Requirements:

- User authentication and authorization
- Session timeout for inactive users

Reliability Requirements:

- System uptime: 99.5%
- Data securely stored in Google Console Firebase

Design Constraints

- Must work within existing GitHub Pages/Netlify hosting
- Limited to client-side technologies (HTML, CSS, JavaScript)
- Must maintain existing data structure compatibility

Obstacles and Solutions

Obstacle 1: Limited User Feedback Collection

Challenge: Getting honest feedback from busy employees about system issues.

Solution Implemented:

- Conducted informal interviews during break times
- Observed users working with current system

Lessons Learned: Direct observation provided more valuable insights than formal interviews.

Obstacle 2: Technical Limitations

Challenge: GitHub Pages/Netlify hosting limits backend functionality needed for advanced features.

Solution Implemented:

- Focused on front-end improvements that don't require server changes
- Used Google Console Firebase for user preferences
- Implemented client-side filtering and sorting

Future Considerations: May need to migrate to full hosting solution for

.

Screenshots and Evidence

Retailers Ordering App

LOGIN SCREEN
(PC VIEW)

KAMBESHWAR AGENCIES
ENAMOR ORDER PORTAL

08/06/2025, 03:25:38 pm

User ID & Password are GSTIN of Respective FIRMs

Login

User ID

Password

Login

[Issue in Login?](#)

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LOGIN SCREEN
(MOBILE VIEW)

KAMBESHWAR AGENCIES
ENAMOR ORDER PORTAL

08/06/2025, 06:56:25 pm

User ID & Password are GSTIN of Respective FIRMs

Login

User ID

Password

Login

[Issue in Login?](#)

KAMBESHWAR AGENCIES

College Collection - Panjim
GSTIN: 1231

Place Order

Recent Orders

Stock Check

Report Problem

08/06/2025, 03:47:20 pm

Home screen (PC)

KAMBESHWAR AGENCIES

admin
GSTIN: 1231

Place Order

Recent Orders

Stock Check

Report Problem

08/06/2025, 03:28:16 pm

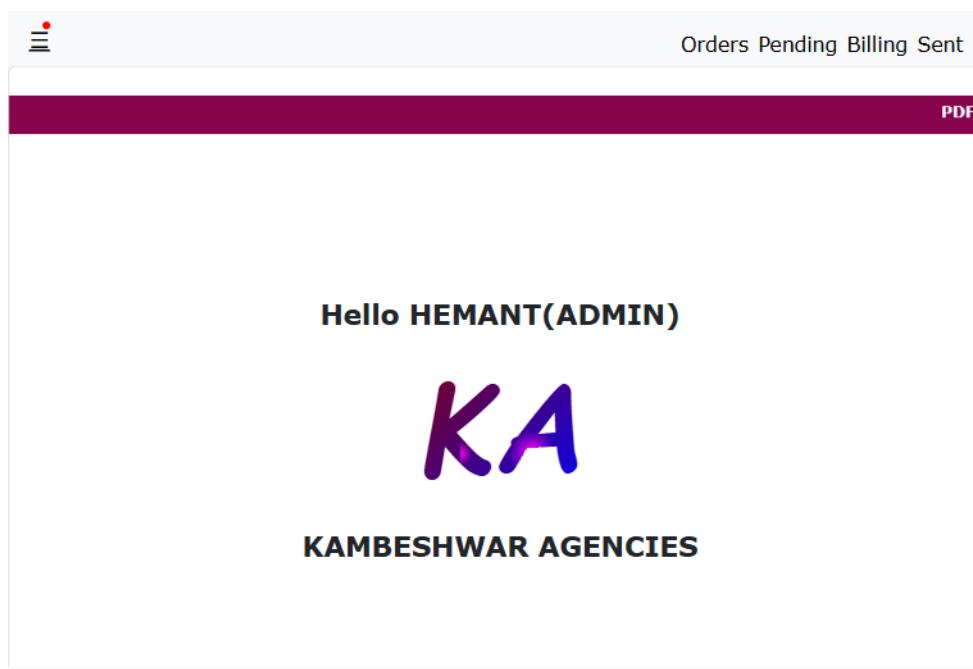
Home screen (Mobile)

Place Order Section	Recent Order Section	Stock Section	Stock section																																																																								
<p>PLACE ORDER</p> <p>Click on the item number above the color chart</p>  <p>A022</p> <p>RECENT ORDERS</p> <p>Firm: admin Order #036 Total Quantity: 33 Pcs</p> <p>Current Status: Order rejected by HEMANT(ADMIN)</p> <p>Order Placed Successfully May 1, 2025, 09:27 AM</p> <p>Order sent to KA May 1, 2025, 09:27 AM</p> <p>Rejected May 1, 2025, 09:27 AM</p> <p>Ordered Items (1) ▾</p> <p>Add to Cart Cart Empty</p> <p>Retailer places orders</p>	<p>RECENT ORDERS</p> <p>Firm: admin Order #036 Total Quantity: 33 Pcs</p> <p>Current Status: Order rejected by HEMANT(ADMIN)</p> <p>Order Placed Successfully May 1, 2025, 09:27 AM</p> <p>Order sent to KA May 1, 2025, 09:27 AM</p> <p>Rejected May 1, 2025, 09:27 AM</p> <p>Ordered Items (1) ▾</p> <p>Back to Home</p> <p>User can see current order status</p>	<p>STOCK CHECK</p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>COLOR</th> <th>SIZE/QUANTITY</th> </tr> </thead> <tbody> <tr><td>A014</td><td>BLACK</td><td>XL/1</td></tr> <tr><td>A017</td><td>GRYMRL</td><td>XL/1</td></tr> <tr><td>A019</td><td>PEARL</td><td>L/1, M/2, S/1, XL/1</td></tr> <tr><td>A022</td><td>SKIN</td><td>L/1, S/1, XL/2</td></tr> <tr><td>A025</td><td>WHITE</td><td>L/1, S/2, XL/1</td></tr> <tr><td>A032</td><td></td><td></td></tr> <tr><td>A039</td><td></td><td></td></tr> <tr><td>A042</td><td></td><td></td></tr> <tr><td>A055</td><td></td><td></td></tr> <tr><td>A058</td><td></td><td></td></tr> <tr><td>A072</td><td></td><td></td></tr> <tr><td>A077</td><td></td><td></td></tr> <tr><td>A078</td><td></td><td></td></tr> <tr><td>A106</td><td></td><td></td></tr> <tr><td>A112</td><td></td><td></td></tr> <tr><td>A165</td><td></td><td></td></tr> <tr><td>A202</td><td></td><td></td></tr> <tr><td>A204</td><td></td><td></td></tr> <tr><td>A309</td><td></td><td></td></tr> </tbody> </table> <p>Note: Stock levels shown are updated weekly and may not reflect real-time availability</p> <p>Back to Home</p> <p>User can check stock availability</p>	ITEM	COLOR	SIZE/QUANTITY	A014	BLACK	XL/1	A017	GRYMRL	XL/1	A019	PEARL	L/1, M/2, S/1, XL/1	A022	SKIN	L/1, S/1, XL/2	A025	WHITE	L/1, S/2, XL/1	A032			A039			A042			A055			A058			A072			A077			A078			A106			A112			A165			A202			A204			A309			<p>A022</p> <table border="1"> <thead> <tr> <th>COLOR</th> <th>SIZE/QUANTITY</th> </tr> </thead> <tbody> <tr><td>BLACK</td><td>XL/1</td></tr> <tr><td>GRYMRL</td><td>XL/1</td></tr> <tr><td>PEARL</td><td>L/1, M/2, S/1, XL/1</td></tr> <tr><td>SKIN</td><td>L/1, S/1, XL/2</td></tr> <tr><td>WHITE</td><td>L/1, S/2, XL/1</td></tr> </tbody> </table> <p>Back to Home</p> <p>Modal after clicking Item Number</p>	COLOR	SIZE/QUANTITY	BLACK	XL/1	GRYMRL	XL/1	PEARL	L/1, M/2, S/1, XL/1	SKIN	L/1, S/1, XL/2	WHITE	L/1, S/2, XL/1
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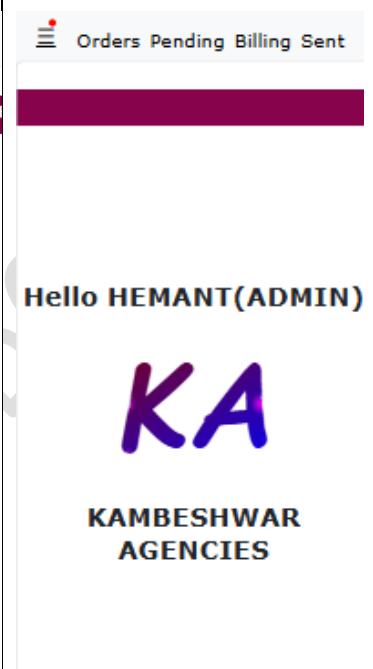
Order Management System App

Home Screen Updates

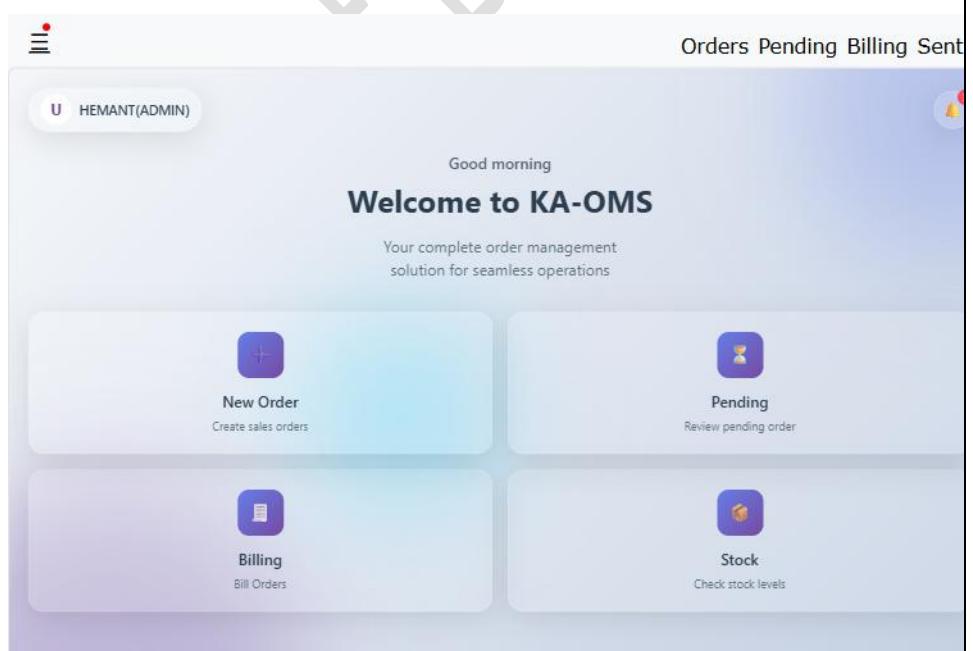
Old Home Screen (PC)



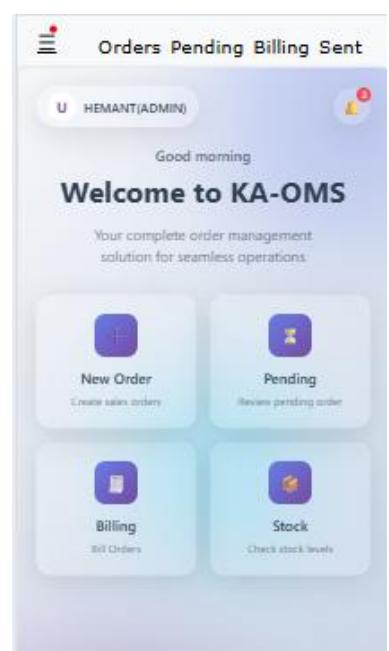
Old Home Screen (Mobile)



Updated Home screen (PC)



Updated Home screen (Mobile)



Updated home screen includes quick action buttons for direct section access

Order Section	Pending Order (Summary View)	Pending Order (Detailed view)																																											
<p>Orders Pending Billing Sent</p> <p>Orders </p> <p>Sample Puns</p> <p>A022</p> <p>A022</p> <p>BLACK</p> <p>GRYMRL</p> <table border="1"> <tr><td>S</td><td></td></tr> <tr><td>M</td><td></td></tr> <tr><td>L</td><td>2</td></tr> <tr><td>XL</td><td></td></tr> <tr><td>2XL</td><td></td></tr> </table> <p>PEARL SKIN</p> <p>WHITE [new color]</p> <table border="1"> <tr><th>Item Name & Color</th><th>Size and Qty</th><th>(T)</th></tr> <tr><td>A022 (PEARL)</td><td>M/1</td><td>1</td></tr> </table> <p>Add to Cart Process Order</p> <p>Salesman places retailer orders</p>	S		M		L	2	XL		2XL		Item Name & Color	Size and Qty	(T)	A022 (PEARL)	M/1	1	<p>Orders Pending Billing Sent</p> <p>Pending Orders</p> <p>Summarized <input checked="" type="checkbox"/> Detailed</p> <p>FILTER</p> <table border="1"> <thead> <tr><th>PARTY NAME</th><th>ORDER DETAILS</th><th>TOTAL QTY</th></tr> </thead> <tbody> <tr><td>Siddhivinayak Mapusa 18/04/2025 - 17/05/2025</td><td>F023 F084 F132 CR17 SB29 F065</td><td>28</td></tr> <tr><td>Vinayak M satardekar - MAPUSA 18/04/2025</td><td>A042 SB28</td><td>5</td></tr> <tr><td>Ultimate Choice 18/04/2025</td><td>CR17</td><td>5</td></tr> <tr><td>Sddhi Stores Panaji 30/04/2025</td><td>A108</td><td>4</td></tr> <tr><td>Chirag Bag House Panjim A078 A077</td><td></td><td>6</td></tr> </tbody> </table>	PARTY NAME	ORDER DETAILS	TOTAL QTY	Siddhivinayak Mapusa 18/04/2025 - 17/05/2025	F023 F084 F132 CR17 SB29 F065	28	Vinayak M satardekar - MAPUSA 18/04/2025	A042 SB28	5	Ultimate Choice 18/04/2025	CR17	5	Sddhi Stores Panaji 30/04/2025	A108	4	Chirag Bag House Panjim A078 A077		6	<p>Orders Pending Billing Sent</p> <p>Pending Orders</p> <p>Summarized <input checked="" type="checkbox"/> Detailed</p> <p>FILTER</p> <p>Clear Filters</p> <p>Order No. K247 ✓</p> <p>Party Name: VERENKAR</p> <p>Date: 17/05/2025</p> <table border="1"> <thead> <tr><th>Item Name</th><th>Order</th><th>SRQ</th></tr> </thead> <tbody> <tr><td>A301(BRWHEX)</td><td>L/1</td><td><input type="button" value="-"/> <input type="button" value="0"/> <input type="button" value="+"/></td></tr> <tr><td>A301(CHWHST)</td><td>L/1</td><td><input type="button" value="-"/> <input type="button" value="0"/> <input type="button" value="+"/></td></tr> </tbody> </table> <p>Detailed view for warehouse staff to mark items</p>	Item Name	Order	SRQ	A301(BRWHEX)	L/1	<input type="button" value="-"/> <input type="button" value="0"/> <input type="button" value="+"/>	A301(CHWHST)	L/1	<input type="button" value="-"/> <input type="button" value="0"/> <input type="button" value="+"/>
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Pending -> Billing Modal

VERENKAR

Item Name	Sizes	SRO	P
A301 (BRWHEX)	L/I	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>	0
A301 (GHWHST)	L/I	<input type="button" value="-"/> <input type="button" value="0"/> <input type="button" value="+"/>	1

TOTAL

Total Order	Total Removed	Total Pending
2po	1po	1po

Send to Billing

Confirmation modal for sending orders to billing

Billing Section

Orders Pending Billing Sent

Billing

Order No: K24
Party Name: Bharne Retail Trends Panjim
Order Date: 18/01/2025

Item Name	Order (Size/Qty)	Bill
A202 (SURSPR)	S/1	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>
A301 (ABG)	S/1	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>
A301 (BRWSTG)	S/1	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>
A301 (GBG)	S/1	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>
A301 (MBNGUG)	S/1	<input type="button" value="-"/> <input type="button" value="1"/> <input type="button" value="+"/>

Bill

Billing section for quantity adjustment

Sent Orders Section

Orders Pending Billing Sent

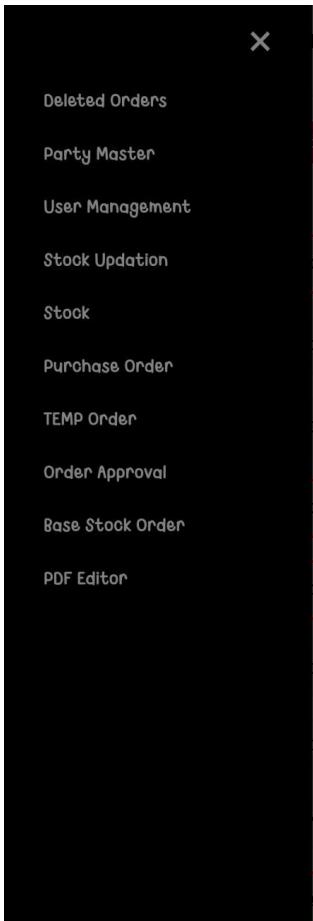
Sent Orders

Order No: K24
Order Date: 18th Jan 2025 at 15:03
Bill Date: 8th Jun 2025 at 16:25
Party Name(s): Bharne Retail Trends Panjim

Item	Color	Size	Quantity
A202	SURSPR	S	1
A301	ABG	S	1
A301	BRWSTG	S	1
A301	GBG	S	1
A301	MBNGUG	S	1

Total Quantity: 5

Sent orders section for tracking billed orders

Slide-Bar	Stock Section	Order Approval section from the Retailer App																										
 <p>Quick action sidebar with admin-exclusive features</p>	<h3>Stock Section</h3> <p>Orders Pending Billing Sent</p> <p>Last stock update: 22nd May 2025 at 2:28 PM</p> <p>Stock</p> <table border="1"> <tbody> <tr><td>A014</td><td>A017</td></tr> <tr><td>A019</td><td>A022</td></tr> <tr><td>A025</td><td>A027</td></tr> <tr><td>A032</td><td>A039</td></tr> <tr><td>A042</td><td>A055</td></tr> <tr><td>A058</td><td>A072</td></tr> <tr><td>A077</td><td>A078</td></tr> <tr><td>A108</td><td>A112</td></tr> <tr><td>A165</td><td>A202</td></tr> </tbody> </table> <p>Stock section with current inventory</p>	A014	A017	A019	A022	A025	A027	A032	A039	A042	A055	A058	A072	A077	A078	A108	A112	A165	A202	<h3>Order Approval section from the Retailer App</h3> <p>Orders Pending Billing Sent</p> <h4>Order Approval</h4> <p>Retail Orders</p> <p>admin</p> <p>Date: 08/06/2025, 16:28:47</p> <p>Reference Number: 038</p> <p>Status: Approval Pending</p> <table border="1"> <thead> <tr> <th>Item Name</th> <th>Colors and Sizes</th> </tr> </thead> <tbody> <tr> <td rowspan="4">A022</td> <td>BLACK - S: 1</td> </tr> <tr> <td>GRYMRL - M: 1</td> </tr> <tr> <td>PEARL - L: 1</td> </tr> <tr> <td>SKIN - XL: 1</td> </tr> <tr> <td>WHITE - 2XL: 1</td> </tr> </tbody> </table> <p>Total Quantity: 5</p> <p>Approve Reject</p> <p>Order approval section for admin use</p>	Item Name	Colors and Sizes	A022	BLACK - S: 1	GRYMRL - M: 1	PEARL - L: 1	SKIN - XL: 1	WHITE - 2XL: 1
A014	A017																											
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Note: Some features are admin-exclusive and won't appear in staff app sidebar.

Html Source Code

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no">
        <title>KA ORDER MANAGEMENT SYSTEM</title>
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>
        <script src="https://www.gstatic.com/firebasejs/9.6.10.firebaseio-app-compat.js"></script>
        <script src="https://www.gstatic.com/firebasejs/9.6.10.firebaseio-database-compat.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/leaflet/1.9.4/leaflet.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>
        <script src="https://unpkg.com/pdf-lib@1.17.1/dist/pdf-lib.min.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/pdf.js/2.11.338/pdf.min.js"></script>
        <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/leaflet/1.9.4/leaflet.css" />
        <link rel="manifest" href="manifest.json">
        <link rel="icon" href="https://s3.ezgif.com/tmp/ezgif-3-092ebae015.png" type="image/png">
        <script src="https://html2canvas.hertzen.com/dist/html2canvas.min.js"></script>
        <meta name="theme-color" content="#4285f4">
        <script src="https://cdnjs.cloudflare.com/ajax/libs/pdf.js/2.11.338/pdf.min.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/pdf-lib/1.17.1/pdf-lib.min.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/pdf.js/2.12.313/pdf.min.js"></script>
        <script src="https://cdn.jsdelivr.net/npm/quagga@0.12.1/dist/quagga.min.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/strich/1.0.0/strich.min.js"></script>
        <script src="https://cdnjs.cloudflare.com/ajax/libs/xlsx/0.17.0/xlsx.full.min.js"></script>
        <!-- PushAlert -->
        <script type="text/javascript">
            (function (d, t) {
                var g = d.createElement(t),
                    s = d.getElementsByTagName(t)[0];
                g.src =
            "https://cdn.pushalert.co/integrate_5686ad6dd7357c7d96272154fdcbf7f.js";
        
```

```

        s.parentNode.insertBefore(g, s);
    }(document, "script"));
</script>
<!-- End PushAlert --&gt;
&lt;link rel="stylesheet" href="orderapp.css"&gt;
&lt;link rel="stylesheet" href="styles.css"&gt;
&lt;link rel="stylesheet" href="temptorder.css"&gt;
&lt;/head&gt;

&lt;body&gt;
    &lt;div class="modal fade" id="usernameModal" tabindex="-1" aria-
labelledby="usernameModalLabel" aria-hidden="true"&gt;
        &lt;div class="modal-dialog"&gt;
            &lt;div class="modal-content"&gt;
                &lt;div class="modal-header"&gt;
                    &lt;h5 class="modal-title" id="usernameModalLabel"&gt;Welcome!&lt;/h5&gt;
                &lt;/div&gt;
                &lt;div class="modal-body"&gt;
                    &lt;p&gt;Please enter your username:&lt;/p&gt;
                    &lt;input type="text" id="usernameInput" class="form-control" required&gt;
                &lt;/div&gt;
                &lt;div class="modal-footer"&gt;
                    &lt;button type="button" class="btn btn-primary"
id="saveUsername"&gt;Save&lt;/button&gt;
                &lt;/div&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/div&gt;

    &lt;div id="offlineAlert" class="alert alert-warning" style="display: none;" role="alert"&gt;
        You are currently offline. Some features may be limited.
    &lt;/div&gt;
    &lt;nav class="navbar navbar-expand navbar-light bg-light"&gt;
        &lt;div class="container-fluid"&gt;
            &lt;button id="menuToggle" class="btn btn-link"&gt;☰&lt;/button&gt;
            &lt;div class="navbar-nav"&gt;
                &lt;a class="nav-link active" href="#" data-section="orders"&gt;Orders&lt;/a&gt;
                &lt;a class="nav-link" href="#" data-section="pendingOrders"&gt;Pending&lt;/a&gt;
                &lt;a class="nav-link" href="#" data-section="billing"&gt;Billing&lt;/a&gt;
                &lt;a class="nav-link" href="#" data-section="sentOrders"&gt;Sent&lt;/a&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/nav&gt;
    &lt;div id="homeScreen" class="section active welcome-screen"&gt;
        &lt;!-- Animated Background Shapes --&gt;
        &lt;div class="bg-shapes"&gt;
            &lt;div class="shape shape-1"&gt;&lt;/div&gt;
            &lt;div class="shape shape-2"&gt;&lt;/div&gt;
            &lt;div class="shape shape-3"&gt;&lt;/div&gt;
        &lt;/div&gt;
        &lt;!-- Header with User Profile --&gt;
</pre>

```

```

<div class="welcome-header">
    <div class="user-profile">
        <div class="user-avatar" id="userAvatar">U</div>
        <div class="user-name" id="userNameDisplay">User</div>
    </div>
    <div class="notification-bell">
        <span>🔔</span>
        <div class="notification-badge">3</div>
    </div>
</div>

<!-- Main Welcome Content -->
<div class="welcome-content">
    <div class="greeting-text" id="greetingText">Good morning</div>
    <h1 class="welcome-title">Welcome to KA-OMS</h1>
    <p class="welcome-subtitle">Your complete order management solution for  
seamless operations</p>
</div>

<!-- Quick Action Cards -->
<div class="quick-actions">
    <div class="action-card" data-section="orders">
        <div class="action-icon">✚</div>
        <div class="action-title">New Order</div>
        <div class="action-desc">Create sales orders</div>
    </div>
    <div class="action-card" data-section="pendingOrders">
        <div class="action-icon">☒</div>
        <div class="action-title">Pending</div>
        <div class="action-desc">Review pending order</div>
    </div>
    <div class="action-card" data-section="billing">
        <div class="action-icon">📄</div>
        <div class="action-title">Billing</div>
        <div class="action-desc">Bill Orders</div>
    </div>
    <div class="action-card" data-section="stock">
        <div class="action-icon">📦</div>
        <div class="action-title">Stock</div>
        <div class="action-desc">Check stock levels</div>
    </div>
</div>

<!-- Recent Activity Section -->

</div>
<div id="slideMenu" class="slide-menu">
    <a href="#" class="close-btn">&times;</a>
    <a href="#" data-section="deletedOrders">Deleted Orders</a>
    <a href="#" data-section="master">Party Master</a>
    <a href="#" data-section="userManagement">User Management</a>
    <a href="#" data-section="stockUpdation">Stock Updation</a>
    <a href="#" data-section="stock">Stock</a>

```

```
<a href="#" data-section="purchaseorder">Purchase Order</a>
<a href="#" data-section="toTempOrder">TEMP Order</a>
<a href="#" data-section="orderapprove">Order Approval</a>
<a href="#" data-section="pdf">PDF Editor</a>

</div>

<div id="stock" class="section">
    <h4>Stock</h4>
    <div id="stockList" class="stock-grid">
        <!-- Stock items will be dynamically added here -->
    </div>
</div>

<!-- Item Stock Modal -->
<div id="itemStockModal" class="modal">
    <div class="modal-content">
        <span class="close">&times;</span>
        <h2 id="modalItemName"></h2>
        <table id="modalStockTable">
            <thead>
                <tr>
                    <th>Color</th>
                    <th>Size & Quantity</th>
                </tr>
            </thead>
            <tbody>
                <!-- Stock details will be dynamically added here -->
            </tbody>
        </table>
    </div>
</div>

<div id="users" class="section">
    <h4>Users</h4>
    <table class="table table-sm">
        <thead>
            <tr>
                <th>Username</th>
                <th>Actions</th>
            </tr>
        </thead>
        <tbody id="usersBody"></tbody>
    </table>
</div>

<div id="approvalRequests" class="section">
    <h4>Approval Requests</h4>
    <table class="table table-sm">
        <thead>
            <tr>
```

```

        <th>Username</th>
        <th>Actions</th>
    </tr>
</thead>
<tbody id="approvalRequestsBody"></tbody>
</table>
</div>

<div id="orders" class="section">
    <h4 class="enamor-orders-header">
        Orders
        <span class="enamor-color-palette-icon" id="colorPaletteIcon">⊕</span>
    </h4>
    <form id="orderForm">
        <div class="mb-3">
            <input type="text" class="form-control" id="partySearch"
placeholder="Search or add party">
            <div id="partyList" class="list-group mt-2" style="display:
none;"></div>
        </div>
        <div class="mb-3">
            <input type="text" class="form-control" id="itemSearch"
placeholder="Search or add item">
            <div id="itemList" class="list-group mt-2" style="display: none;"></div>
        </div>
        <!-- The item details and size/quantity grid will be inserted here
dynamically -->
    </form>
    <div class="order-footer">
        <button type="button" class="btn btn-primary" id="addToCartBtn">Add to
Cart</button>
        <button type="button" class="btn btn-success" id="saveOrderBtn"> Cart
Empty</button>
    </div>
    <!-- The cart summary table will be inserted here dynamically -->
</div>
<div class="enamor-color-details-overlay" id="colorDetailsOverlay"></div>
<div class="enamor-color-details-modal" id="colorDetailsModal">
    <div class="enamor-color-details-header">
        <h3 class="enamor-color-details-title">Color Information</h3>
        <button class="enamor-color-details-close" id="colorDetailsClose">×</button>
    </div>
    <ul class="enamor-color-details-list" id="colorDetailsList"></ul>
</div>
<div class="container mt-2">
    <div id="pendingOrders" class="section">
        <h4>Pending Orders</h4>
        <div class="d-flex justify-content-center align-items-center mb-2">
            <div class="toggle-container d-flex align-items-center">
                <span class="me-2">Summarized</span>
                <label class="switch mx-2">
                    <input type="checkbox" id="viewToggle">
                </label>
            </div>
        </div>
    </div>

```

```

        <span class="slider"></span>
    </label>
    <span class="ms-2">Detailed</span>

```

```
<div id="noFilterSelectedMessage" class="message">No filter selected</div>

<!-- Stock Removal Modal --&gt;

&lt;div id="billing" class="section"&gt;
  &lt;h4&gt;Billing&lt;/h4&gt;
  &lt;div id="billingOrders"&gt;&lt;/div&gt;
&lt;/div&gt;

&lt;div id="sentOrders" class="section"&gt;
  &lt;div class="sent-orders-header"&gt;
    &lt;h4&gt;Sent Orders&lt;/h4&gt;
    &lt;!-- delivery status turned off
    &lt;div class="undelivered-marquee-wrapper"&gt;
      &lt;span class="undelivered-label"&gt;Undelivered:&lt;/span&gt;
      &lt;div class="orders-scroll-container"&gt;
        &lt;div class="orders-scroll-content"&gt;
          Loading undelivered orders...
        &lt;/div&gt;
      &lt;/div&gt;
    &lt;/div&gt;--&gt;
  &lt;/div&gt;
  &lt;div id="sentOrdersContainer"&gt;&lt;/div&gt;
&lt;/div&gt;

&lt;div id="pendingApprovalScreen" class="fullscreen-overlay" style="display: none;"&gt;
  &lt;div class="approval-content"&gt;
    &lt;h1&gt;Registration Pending&lt;/h1&gt;
    &lt;p&gt;Please wait for your registration to be approved.&lt;/p&gt;
    &lt;div class="loading-animation"&gt;
      &lt;div class="circle"&gt;&lt;/div&gt;
      &lt;div class="circle"&gt;&lt;/div&gt;
      &lt;div class="circle"&gt;&lt;/div&gt;
    &lt;/div&gt;
  &lt;/div&gt;
&lt;/div&gt;

<!-- Your JavaScript files --&gt;
&lt;script src="firebase-config.js"&gt;&lt;/script&gt;
&lt;script src="utils.js"&gt;&lt;/script&gt;
&lt;script src="auth.js"&gt;&lt;/script&gt;
&lt;script src="orders.js"&gt;&lt;/script&gt;
&lt;script src="pending.js"&gt;&lt;/script&gt;
&lt;script src="billing.js"&gt;&lt;/script&gt;
&lt;script src="sent.js"&gt;&lt;/script&gt;
&lt;script src="deleted-orders.js"&gt;&lt;/script&gt;
&lt;script src="masters.js"&gt;&lt;/script&gt;
&lt;script src="user-management.js"&gt;&lt;/script&gt;
&lt;script src="main.js"&gt;&lt;/script&gt;
&lt;script src="animations.js"&gt;&lt;/script&gt;
&lt;script src="stock.js"&gt;&lt;/script&gt;
&lt;script src="purchase.js"&gt;&lt;/script&gt;
&lt;script src="pdf.js"&gt;&lt;/script&gt;</pre>
```

```
<script src="temptorder.js"></script>
<!-- start webpushr code -->
<script>(function (w, d, s, id) { if (typeof (w.webpushr) !== 'undefined') return;
w.webpushr = w.webpushr || function () { (w.webpushr.q = w.webpushr.q || [])
.push(arguments); }; var js, fjs = d.getElementsByTagName(s)[0]; js =
d.createElement(s); js.id = id; js.async = 1; js.src =
"https://cdn.webpushr.com/app.min.js"; fjs.parentNode.appendChild(js); })(window,
document, 'script', 'webpushr-jssdk'); webpushr('setup', { 'key': 'BJgL8_NTH55P5mh-
yTMhQCDBYD0zxLKRmkIbbk-e8myTHe_Ldm0R1Ch3q7XVAxfq3wckcYszT9BSRT6liGt0Cug' });
<!-- end webpushr code -->
<script src=".webpushr-sw.js"></script>
<script src="webpushr-sw.js"></script>
<script src="orderapp.js"></script>
</body>
</html>
```

Project BY Hemant Bora