

Week 5 Worklog - Consumable Details Management Portal

Sprint Goal: Implementation of basic UI components and initial integration of frontend with backend.

Work Done in Week 5

Santosh K - 7376212IT221

- Set up the **API service layer** to connect the frontend with the backend.
- Integrated **User Authentication** using **JWT**, allowing secure login and session management.
- Connected the **Inventory API to the frontend**, ensuring CRUD operations for inventory management.
- Implemented **Redux/Zustand for state management**, helping with centralized data flow.

Jayasuriya J - 7376212IT160

- Designed and implemented core UI components, including the **Navbar, Sidebar, and Buttons**.
- Developed the **Login Page** with authentication UI elements.
- Created the **Dashboard UI** for both **Users and Admins** to manage requests and inventory.
- Designed and implemented the **Request Material UI & Forms**, allowing users to submit material requests.
- Fixed minor UI bugs and improved responsiveness across different screen sizes.

Rakesh M - 7376212IT208

- Designed and implemented the **Inventory Listing UI**, ensuring a structured and interactive display of consumables.
- Assisted in **UI testing & debugging**, identifying and fixing inconsistencies in frontend-backend data flow.
- Provided **additional backend optimizations**, ensuring smooth API responses and efficient database queries.
- Worked on **data integrity checks** to prevent duplicate inventory entries.

Praveen R - 7376212IT201

- Integrated **Request APIs**, enabling users to create, track, and update material requests.
- Conducted **UI and security testing**, identifying vulnerabilities and ensuring smooth user interactions.
- Implemented **input validation measures** to enhance API security and prevent potential exploits.
- Debugged **authentication issues**, ensuring users have the correct access levels.

Screenshots:

The screenshot shows the Admin Dashboard for an Inventory Management system. The dashboard has a dark header bar with the title "Inventory Management" and links for "Dashboard" and "Logout". On the left, there's a sidebar menu with the following items: Dashboard, Orders, Suppliers, Inventory, Sales & Reports, Employees, and Settings. The main content area is titled "Admin Dashboard" and features four blue cards with summary statistics: "Total Orders" (3), "Total Suppliers" (4), "Total Inventory" (2), and "Total Employees" (3). Below these cards is a section titled "Employees" with a table showing three entries:

Name	Department	Email
Dasun	Repairs	dasun456@gmail.com
dww	eweewe	scsssd@gmail.com
dwww	wweweew	vfgffff@gmail.com

At the bottom, there is a chart titled "Sales" showing a single teal bar representing sales data between 1,000 and 1,200.

localhost:5173/dashboard/orders/add

Inventory Management

Add Order

Customer Name

Product Name

Quantity

Price

Submit

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Search

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Inventory Management

View Orders

Search by Customer or Product

Customer Name	Product Name	Quantity	Price (\$)
Gayani Tharuka	Lisoal	17	5500
Banuka	Glass	11	120005
Gayani Samasha	Hair Dry	11	100000

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Editing MERN-Inventory-Manag...

localhost:5173/dashboard/orders/manage

Menu

- Dashboard
- Orders
 - Add Orders
 - View Orders
 - Manage Orders
- Suppliers
- Inventory
- Sales & Reports
- Employees
- Settings

Inventory Management

Manage Orders

Search by Customer or Product

Customer Name	Product Name	Quantity	Price (\$)	Actions
Gayani Tharuka	Lisoal	17	5500	<button>Edit</button> <button>Delete</button>
Banuka	Glass	11	120005	<button>Edit</button> <button>Delete</button>
Gayani Samasha	Hair Dry	11	100000	<button>Edit</button> <button>Delete</button>

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localhost:5173/dashboard/sales/report

Menu

- Dashboard
- Orders
- Suppliers
- Inventory
- Sales & Reports
- Employees
- Settings

Inventory Management

Generate Sales Report

Start Date: 09/20/2024

End Date: 09/21/2024

Generate Report

Report Results

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Product Name	Total Quantity	Total Sales
Keyboards	10	20000
uiui	454	78
ghgghgfddfgh	23	343
rrtr	32	223

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