

📌 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

- 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

- 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

- 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.

Praveen R

- Integrated **Request APIs**, enabling users to create, track, and update material requests.
- Conducted **UI and security testing**, identifying vulnerabilities and ensuring smooth user interactions.