

# **Mini Manufacturing ERP – Finalized Modules (PPO Level)**

## **Backend Modules**

- Authentication Module (JWT-based login, role-based access: ADMIN, STAFF)
- User Management (create users, assign roles)
- Item Master (add, update, view items; stock is read-only)
- Supplier Management (add and view suppliers)
- Purchase Order Management (create PO, status tracking; no stock update)
- Goods Receipt Report (GRR) (receive goods and increase stock)
- Sales Order Management (create sales order, reduce stock on completion)
- Inventory Module (view-only stock, no manual edits allowed)
- Expense Management (record business expenses)
- Dashboard & Reports (sales, purchase, expense summaries)

## **Frontend Modules**

- Login Page
- Role-based Sidebar (Admin / Staff)
- CRUD Pages (Items, Suppliers, Purchase Orders, Sales Orders, GRR, Expenses)
- Dashboard Page (charts and summaries)

## **Out of Scope**

- Payment Gateway Integration
- AI / Machine Learning Features
- Production Planning Module
- Quality Control Module
- Mobile Application