

MEDICAL INVENTORY MANAGEMENT

Date	20-06-2025
Team ID	LTVIP2025TMID29579
Project Name	Medical Inventory Management
Maximum Marks	

REQUIREMENT ANALYSIS:

3.1-JOURNEY MAP:

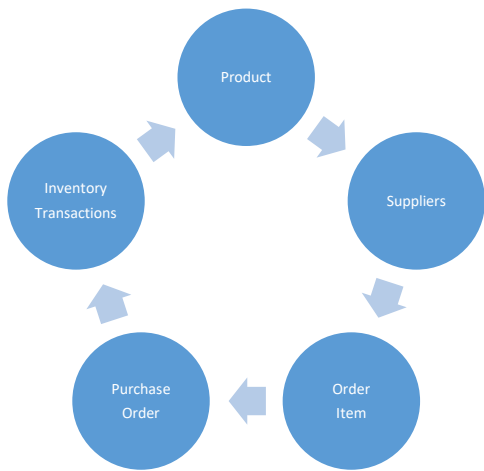


3.2- SOFEWARE REQUIREMENT:

Layer	Technologye/Tool	Purpose
Platform core	Salesforce (Multitenant, metadata-Driven)	Foundation for data model, security, Apls
Backend Logic	Apex (Triggers, classes, Batch Jobs), SOQL/SOSL	Custom business logic and data processing
User interface	Lightning Web Components(LWC),Aura,Experience Cloud	Responsive and portal UL for tenants/managers
Automation Tools	Flow Builder,Scheduled Flowa,Approval Processes	Automate processes like renewals, reminders

3.3 – Data Flow Diagram:

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3.3 - Technology Stack
Core Salesforce Technologies

Component	Purpose
Salesforce Platform (CRM)	Base framework for building custom inventory modules
Health Cloud	Tailored for healthcare workflows and patient-centric data
Salesforce Flow	Automates inventory processes like reordering and alerts
Apex	Backend logic for custom business rules
Lightning Components	Frontend UI development for responsive interfaces
Visualforce (optional)	Legacy UI support for custom pages
Custom Objects	Define entities like Products, Suppliers, Orders, Expiry Logs
Reports & Dashboards	Visualize inventory trends and supplier performance