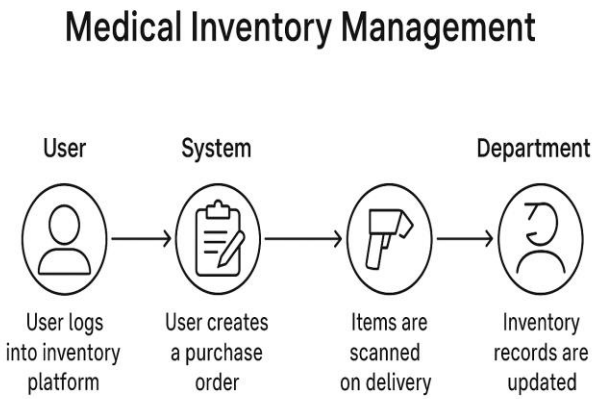
Project Design Phase-II
Data Flow Diagram & User Stories

Date	27 June 2025
Team ID	LTVIP2025TMID28986
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

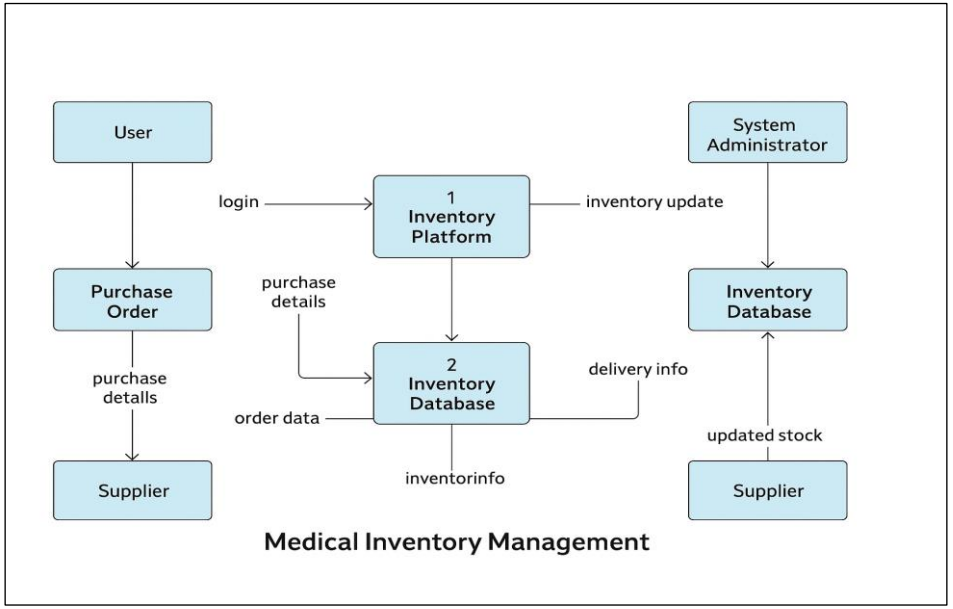
Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: (Simplified)



Example: DFD Level 0 (Industry Standard)



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard using Gmail login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can successfully log in to my account	High	Sprint-1
	Dashboard	USN-6	As a user, I can view my orders, prescriptions, and notifications	Dashboard shows latest inventory orders and medical updates	High	Sprint-2
Customer (Web user)	Order Placement	USN-7	As a web user, I can search for and place orders for medicines	I can search and place an order with payment confirmation	High	Sprint-2
Customer Care Executive	Inventory Lookup	USN-8	As a care executive, I can view stock availability for requested medicines	I can see current inventory count and batch info	Medium	Sprint-2
Administrator	Inventory Management	USN-9	As an admin, I can add, update, or delete medicine stock items	Changes reflect in the inventory database immediately	High	Sprint-1
	Supplier Management	USN-10	As an admin, I can manage suppliers and their details	I can add/edit/delete supplier records	Medium	Sprint-2
	Expiry Tracking	USN-11	As an admin, I get alerts for medicines nearing expiry	System alerts for items expiring within 30 days	High	Sprint-2
	Reports & Analytics	USN-12	As an admin, I can view sales and stock reports weekly/monthly	I can export reports in PDF/Excel format	Medium	Sprint-3