Project Design Phase-II
Data Flow Diagram & User Stories
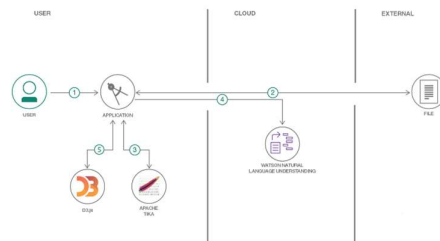
Date	21 June 2025
Team ID	LTVIP2025TMID29069
Project Name	Medical Inventory management
Maximum Marks	4 Marks

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.
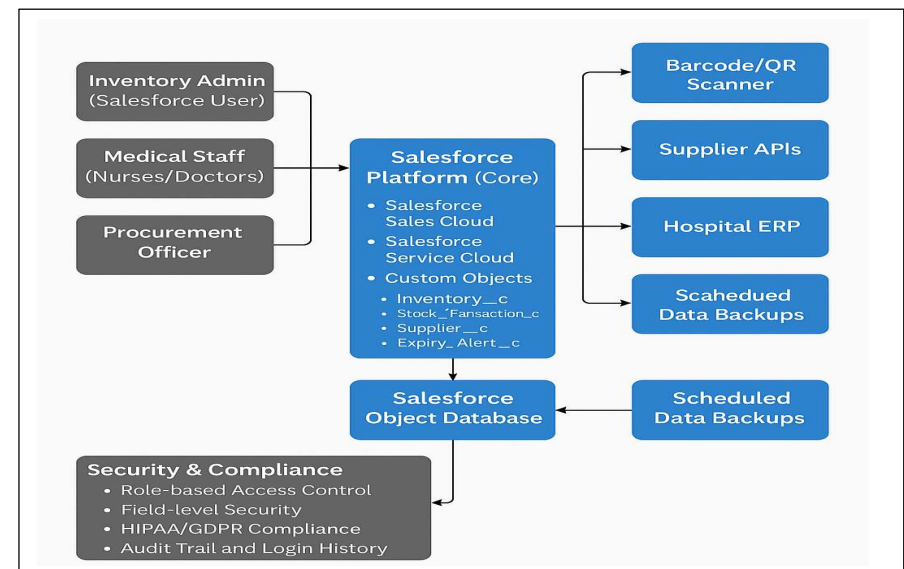
Example: (Simplified)

Flow

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

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		Medium	Sprint-3
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard		As a doctor, I can raise a request for specific medicines or items from inventory.		medium	Sprint-2
Customer (Web user)			medicines or items from inventory.		high	Sprint-4
Customer Care Executive						
Administrator	User Management		As an admin, I can create, deactivate, or assign roles to users.	Users are updated, and roles define access scope correctly.	low	Sprint-6
	reporting		As an admin, I can integrate supplier APIs for auto-restocking when items reach threshold.	PDF/Excel report is downloadable and accurate.	medium	Sprint-1
	Vendor Integration		As an admin, I can integrate supplier APIs for auto-restocking when items reach threshold.	Users are updated, and roles define access scope correctly.	high	Sprint-12