Project Design Phase-II

Data Flow Diagram & User Stories

Date	31 January 2025
Team Id	LTVIP2025TMID25088
Project Name	CRM Application for Jewel 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)
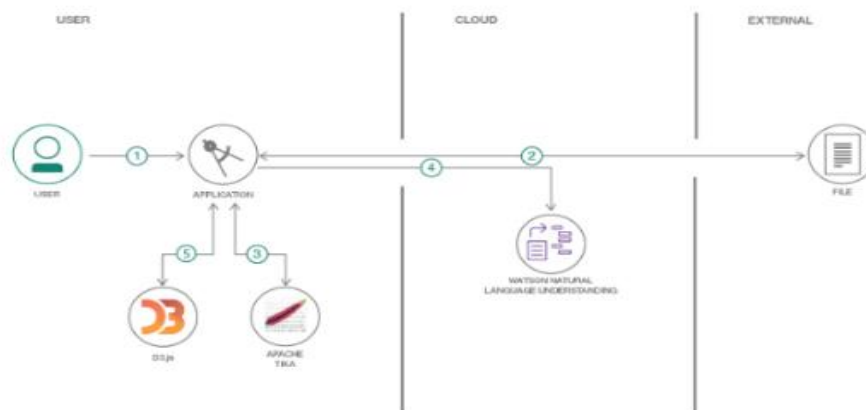
1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: DFD Level 0 (Industry Standard)
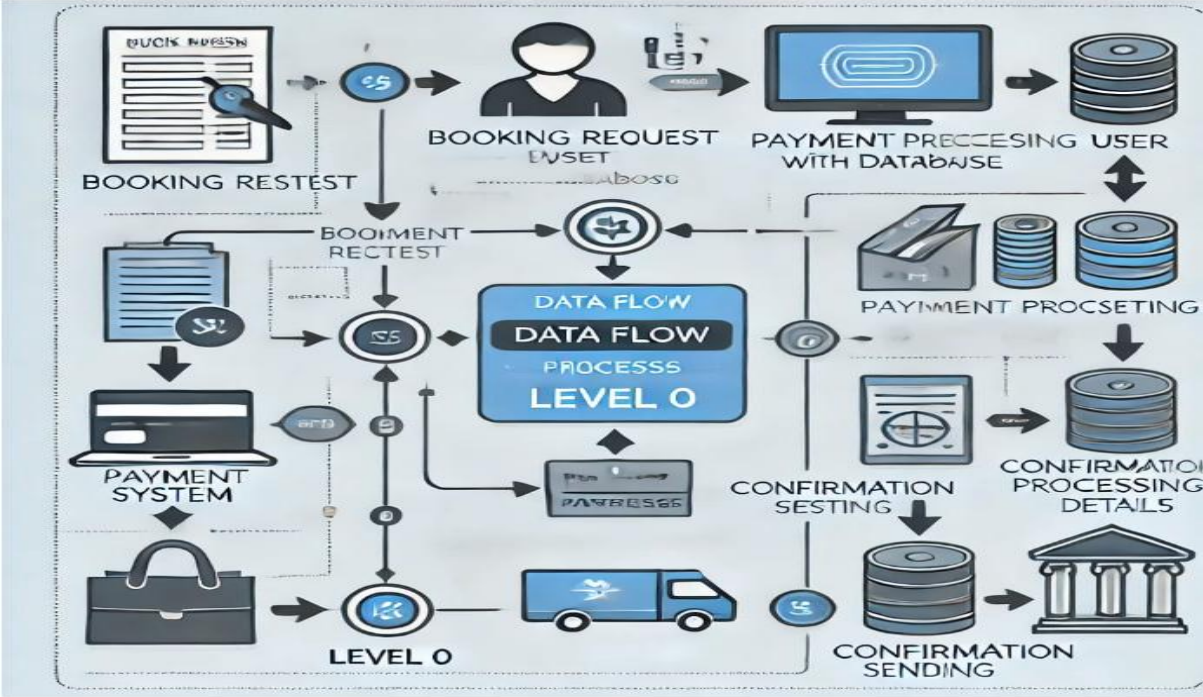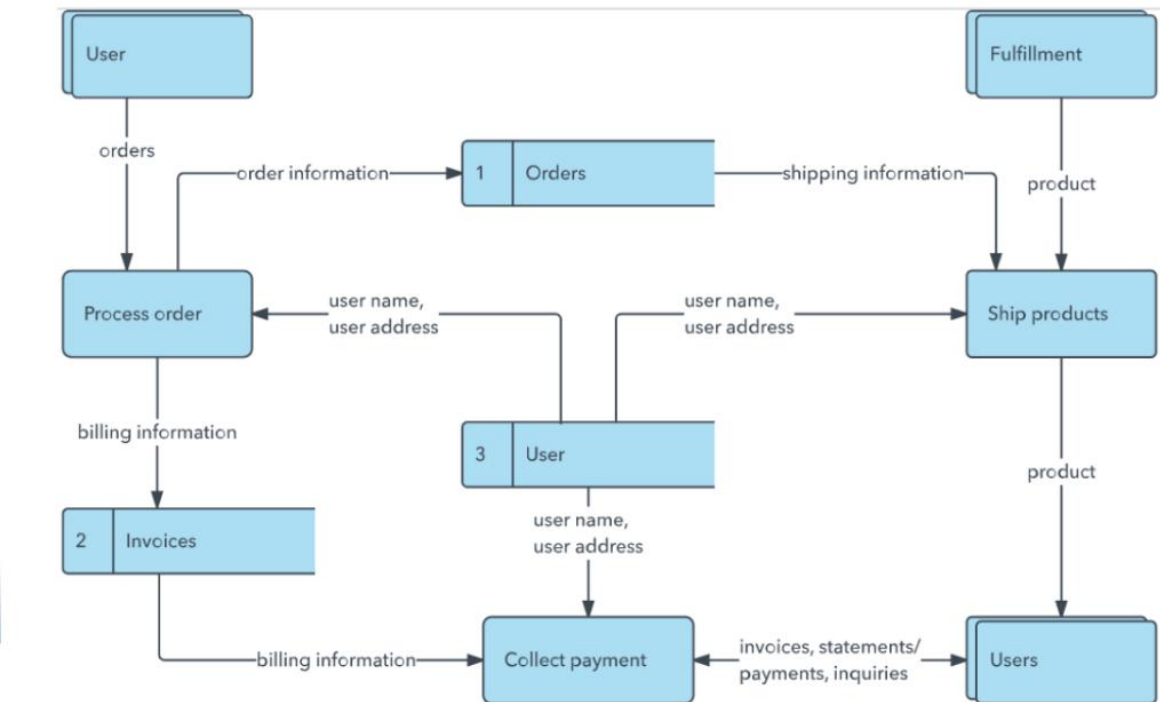
User Stories

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-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard					
Customer (Web user)	Registration	USN-6	As a web user I can register using my email and password	I can access fully register and access my account	High	Sprint-1
	Login	USN-7	As a web user I can log in using my email and password	I can access my dash board after logging in	High	Sprint-1
	Dashboard	USN-8	As a web user can I can view my profile and	I can see my user dashboard	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			account details	after logging in		
Customer Care Executive	User Management	USN-9	As a customer care executive I can view and manage user accounts	I can search for users and update their details	High	Sprint-2
	Support	USN-10	As a customer care executive I can respond to customer queries viva support system	I can reply to customer tickets and resolve and issues	Medium	Sprint-2
Administrator	User management	USN-11	As an administrator I can create, update, and delete user accounts	I can manage user roles and permissions	High	Sprint-1
	Reports	USN-12	As an administrator I can generate reports on user activity	I can view and download reports	Medium	Sprint-3