Project Design Phase-II
Data Flow Diagram & User Stories
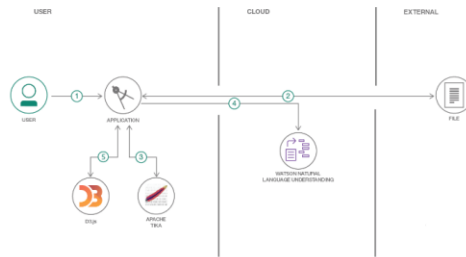
Date	29 June 2025
Team ID	LTVIP2025TMID28895
Project Name	Calculating family expenses using service now
Maximum Marks	4 Marks

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.
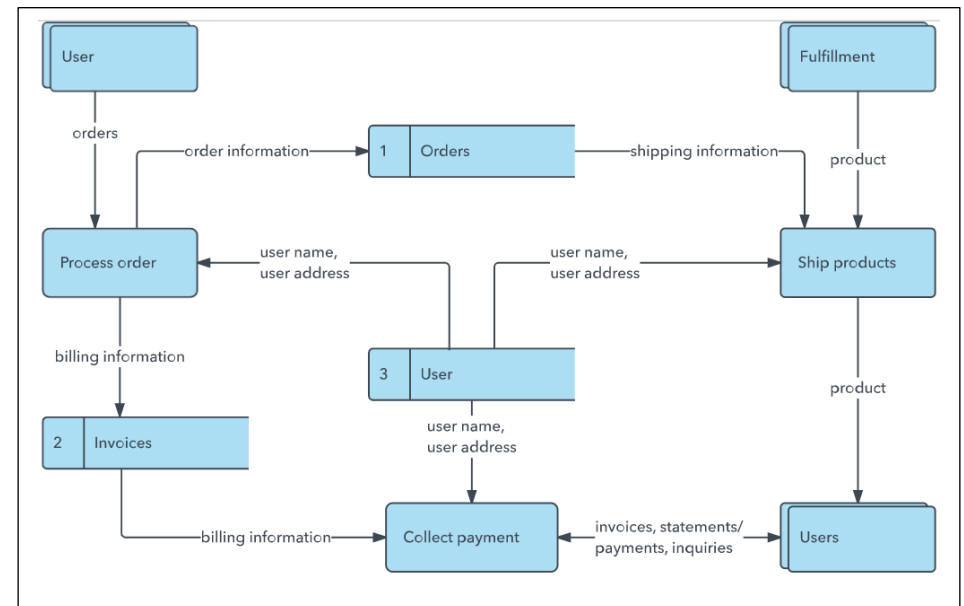
Example: (Simplified)

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
Administrator	User management	USN-1	As an admin, I want to delete a user from the system	The system should allow deletion only if the user is not assigned to any incident	High	Sprint-1
System(Auto-check)	Validation before deletion	USN-2	As a system, I must check if the user is linked to any incident before processing a delete request	Deletion process only if no incident is assigned else, it should be blocked	High	Sprint-1
Incident manager	Alert notification	USN-3	As an incident manager, I want to receive an alert if a user with assigned incidents is requested for deletion	System shows a warning or alert about linked incident before deletion	Medium	Sprint-2