Project Design Phase II
Data Flow Diagram & User Stories
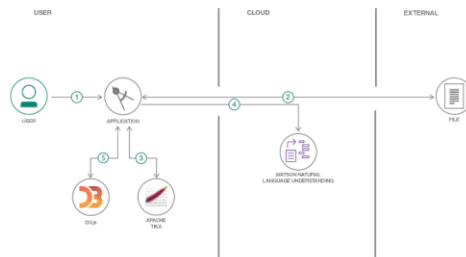
Date	27 June 2025
Team ID	LTVIP2025TMID36160
Project Name	Citizen AI – Intelligent Citizen Engagement Platform
Maximum Marks	4 Marks

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 requirements graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
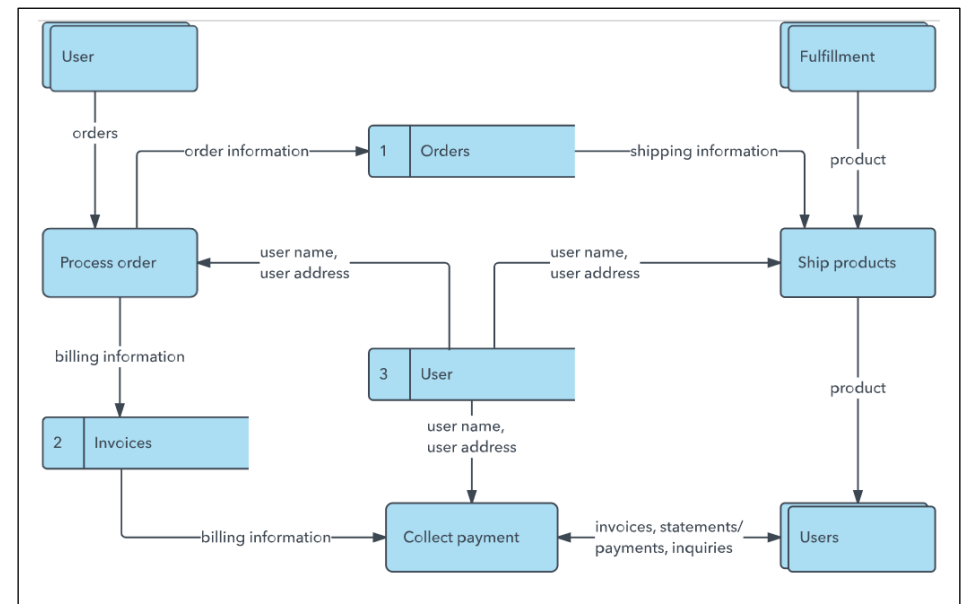
Example: (Simplified)

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 template below 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 a confirmation email once I have registered for the application	I can receive a 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 receive an OTP/email and can access my dashboard.	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering my email & password	I get logged in and redirected to the chatbot screen.	High	Sprint-1
	Dashboard	USN-6	As a user, I want to see my past feedback status in a dashboard view.	The dashboard shows the timeline/status of all my submitted issues.	Medium	Sprint-3
Customer (Web user)	Web Registration/Login	USW-7	As a web user, I can register using my email and set a password.	I receive a confirmation email and can access my web dashboard.	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Monitor Conversations	USN-8	As an executive, I can view live chats to identify critical user issues.	I can filter and respond to urgent issues manually	High	Sprint-2
Administrator	System Analytics Dashboard	USN-9	As an admin, I can view user sentiment and issue trends via graphs and charts.	The dashboard loads visual data from real-time backend updates.	High	Sprint-1
	AI Model Management	USN-10	As an admin, I can update or retrain the AI model as per new government policies.	A new model version is saved and deployed on the cloud successfully.	High	Sprint-3
	Access Control & Logs	USN-11	As an admin, I can view access logs and control user privileges.	I can change roles and view who accessed which module.	Medium	Sprint-2