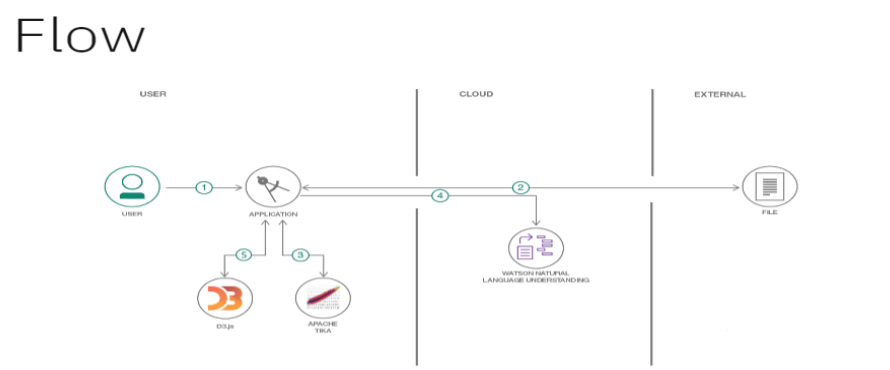
Project Design Phase-II
Data Flow Diagram & User Stories

Date	8 November 2022
Team ID	PNT2022TMID00924
Project Name	Project - Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

Data Flow Diagrams:

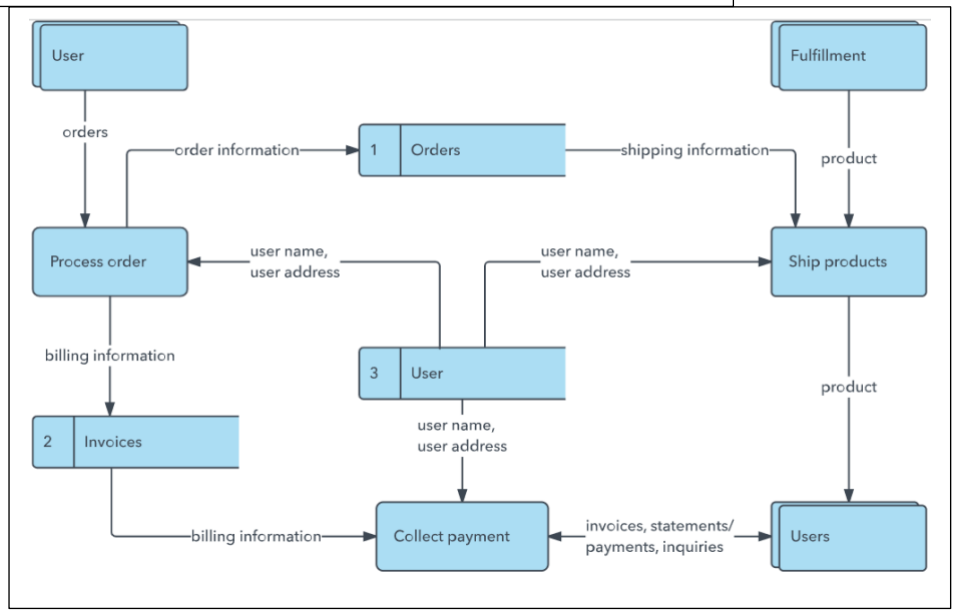
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DATA FLOW DIAGRAM



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:

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/web user)	Registration	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
		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
		3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	6	As a user, I can access the mobile interface			
Administrator	Cloud	1	Maintain the cloud account	Maintain the cloud account accessible to the user	Medium	Sprint-1
	Model	2	Use ML cloud model	Create the ML model to predict the images	High	Sprint-2
		3	Convert the result into output	This model predict the output into the voice	High	Sprint-3
	Database	4	Database administration	Create the database and maintain the information	Low	Sprint-4