Project Design Phase-II
Data Flow Diagram & User Stories
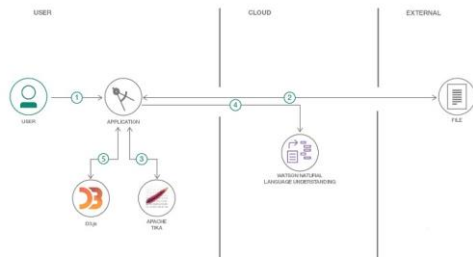
Date	16 October 2022
Team ID	PNT2022TMID11738
Project Name	Plasma Donor Application

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.
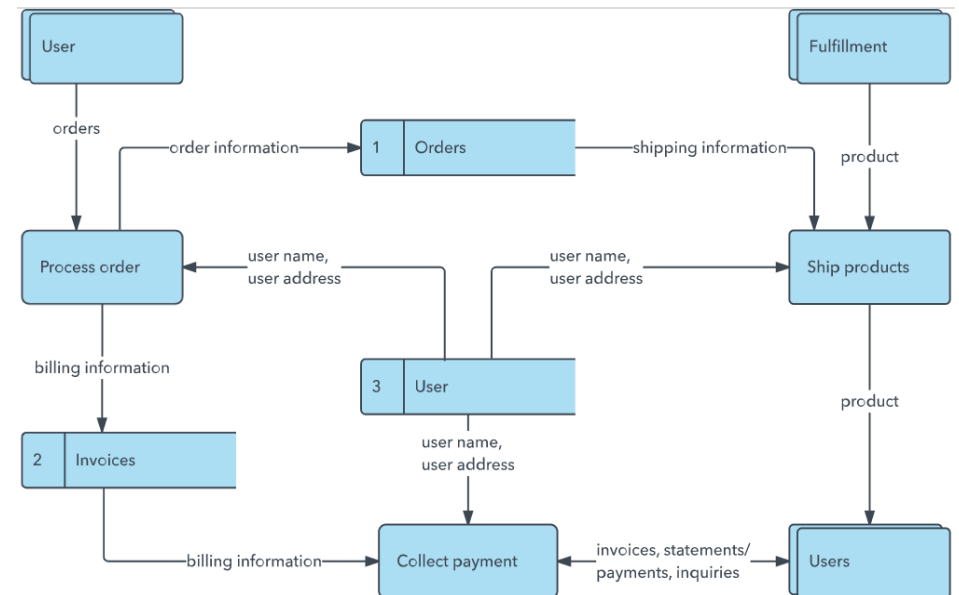
Example: (Simplified)

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, and password, and confirming my password.	I can access my account/dashboard	High	Sprint-1
Laptop User		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
PC user	alternate Number	USN-3	As a user, I can register for the application through Website	I can register & access the dashboard with google account	Low	Sprint-2
	Alternate Email	USN-4	As a user, I can get a confirmation mail.		Medium	Sprint-1
	Login	USN-5	As a Donor, I can log into the application by entering my email & password		High	Sprint-1
	Dashboard	USN-6	As a donor, I Select plasma donor Form.			
Customer (Web user)		USN-7	As a Donor, I can register for the application by entering my email, and password, and confirming my password.			
Customer Care Executive	Signup	USN-8	As a Donor, I will receive a confirmation email once I have registered for the application			
Administrator		USN-9	As a Donor, I can register for the application through the Website.			
		USN-10	As a Donor, I can get a confirmation mail.			
		USN-11	As a donor I sign out.			

DATA FLOW DIAGRAM: