Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID25505
Project Name	Plasma Donor Application
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.
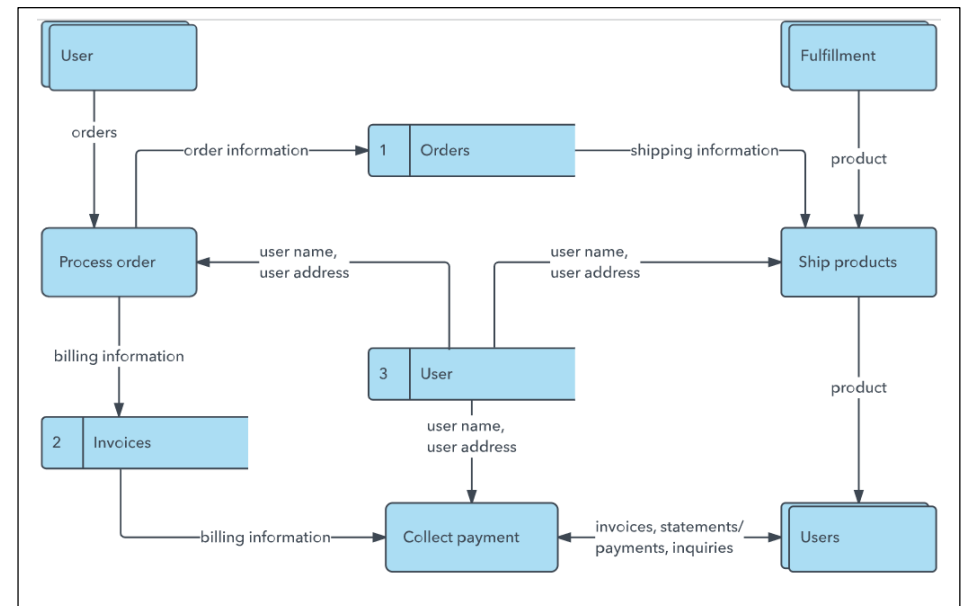
Example: DFD Level 0 (Industry Standard)

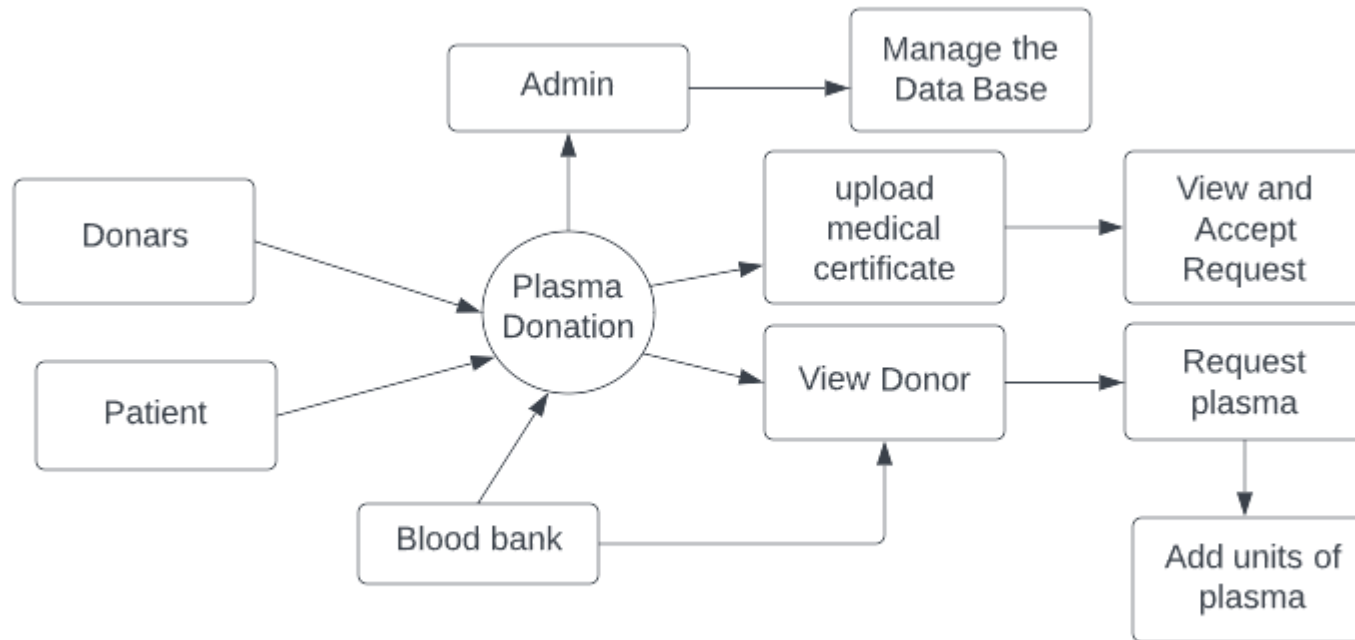**Example:** (Simplified)

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.

Data Flow Diagram

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
Donor	App 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
	Login	USN-2	As a user,I can login using my credentials and it will direct to my dashboard	I can receive confirmation email & click confirm	High	Sprint-1
	Register as donor	USN-3	As a user, I can donate plasma when request are made	I can access my account / dashboard	Medium	Sprint-2
	Register as recipient	USN-4	As a user,I can login using my credentials and it will direct to my dashboard	I can access my account / dashboard	Medium	Sprint-1
	Request for plasma	USN-5	As a user, I can enter into the application and request for plasma.	I can access my account / dashboard	High	Sprint-2
	Dashboard	USN-6	As a user,I can login using my credentials and it will direct to my dashboard	I can access my account / dashboard	High	Sprint 1
Customer (web user)	Search for donor	USN-7	As a user I,can search the donors.	I can view the list of donors in the website	High	Sprint 3
Customer Care Executive	Query	USN-8	As a user had an any query about the using application	I can view query and rectify the user query	medium	Sprint3
Administrator	Login	USN-9	As a admin,have credentials using that they can login.	Admin is the authorized person of the overall application	High	Spint 2
	View	USN-10	As a admin ,I can view the user details.	I can view all the details of the user and store in the database	Medium	Sprint 3
	Modify	USN-11	As a admin ,I can modify the user details	Modify the user information if the provided information is wrong	High	Sprint 4
	Maintain the Database	USN-12	As Administrator ,I can store the exact details of donor and recipient and also update the requesting detail and profiles.	I can store all the details in the database	High	Sprint4