

Project Design Phase-II Data Flow Diagram & User Stories

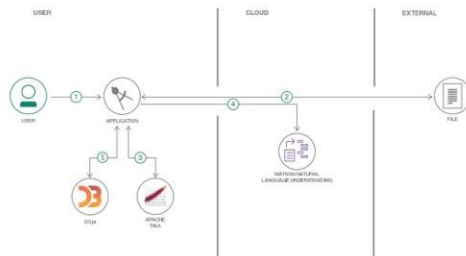
Date	03 October 2022
Team ID	PNT2022TMID11973
Project Name	Plasma Donor Application
Maximum Marks	4 Marks

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.

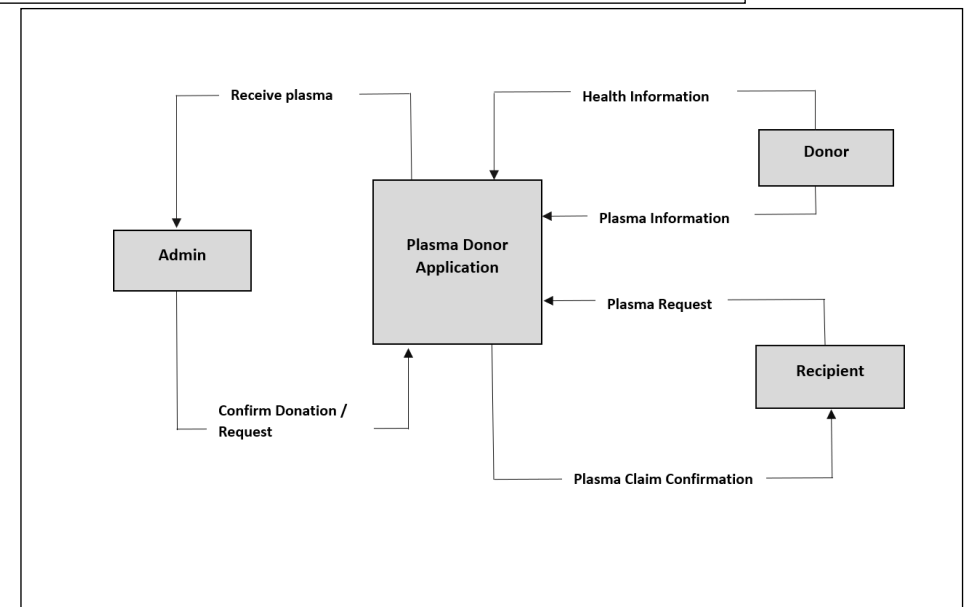
Example: (Simplified)

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.

DFD Level 0



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, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-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
		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 can register and access dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive confirmation mail and register	High	Sprint-1
	Dashboard	USN-6	As a user, I can browse the dashboard by logging in before	I can access the resources in the dashboard	High	Sprint-1
Customer (Web user)		USN-7	As a user, I can login to the application and see the categories of donor and recipient	I can see the information about the donor and recipient	Low	Sprint-2
Customer Care Executive		USN-8	As a user, I can see the feedback and comment	I can rectify the problem that are commented in the feedback session	High	Sprint-1
Administrator		USN-9	As a user, I can see the availability of donor information	I can update the donor information	Medium	Sprint-1
		USN-10	As a user, I can see the demand of the donor by the recipients request	I can fix the required donor for the requested recipients	Medium	Sprint-1
		USN-11	As a user, I can inform the donor and recipients of the date and time to donate	I can notify the donor and the recipients	Medium	Sprint-1
		USN-12	As a user, I have the information of previous donors and recovered covid patients	I can notify them to donate again	Low	Sprint-1