

Project Design Phase-II

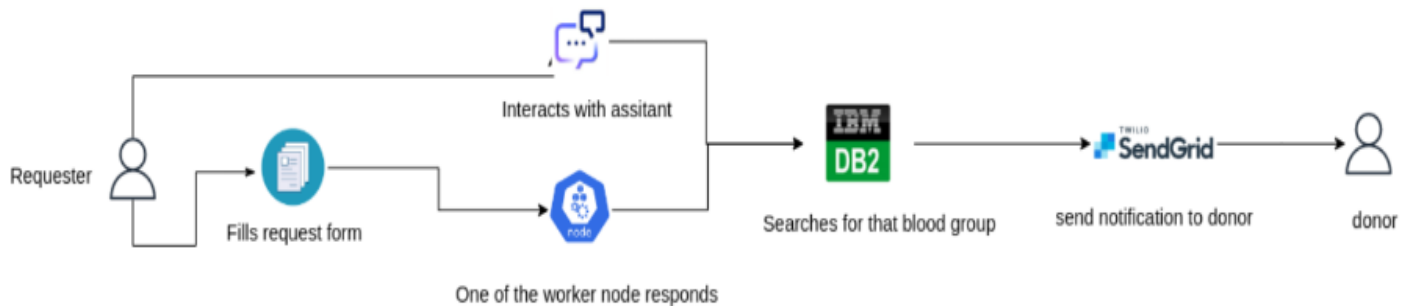
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID27459
Project Name	Project - Plasma Donor Application
Maximum Marks	4 Marks

Data Flow Diagrams:

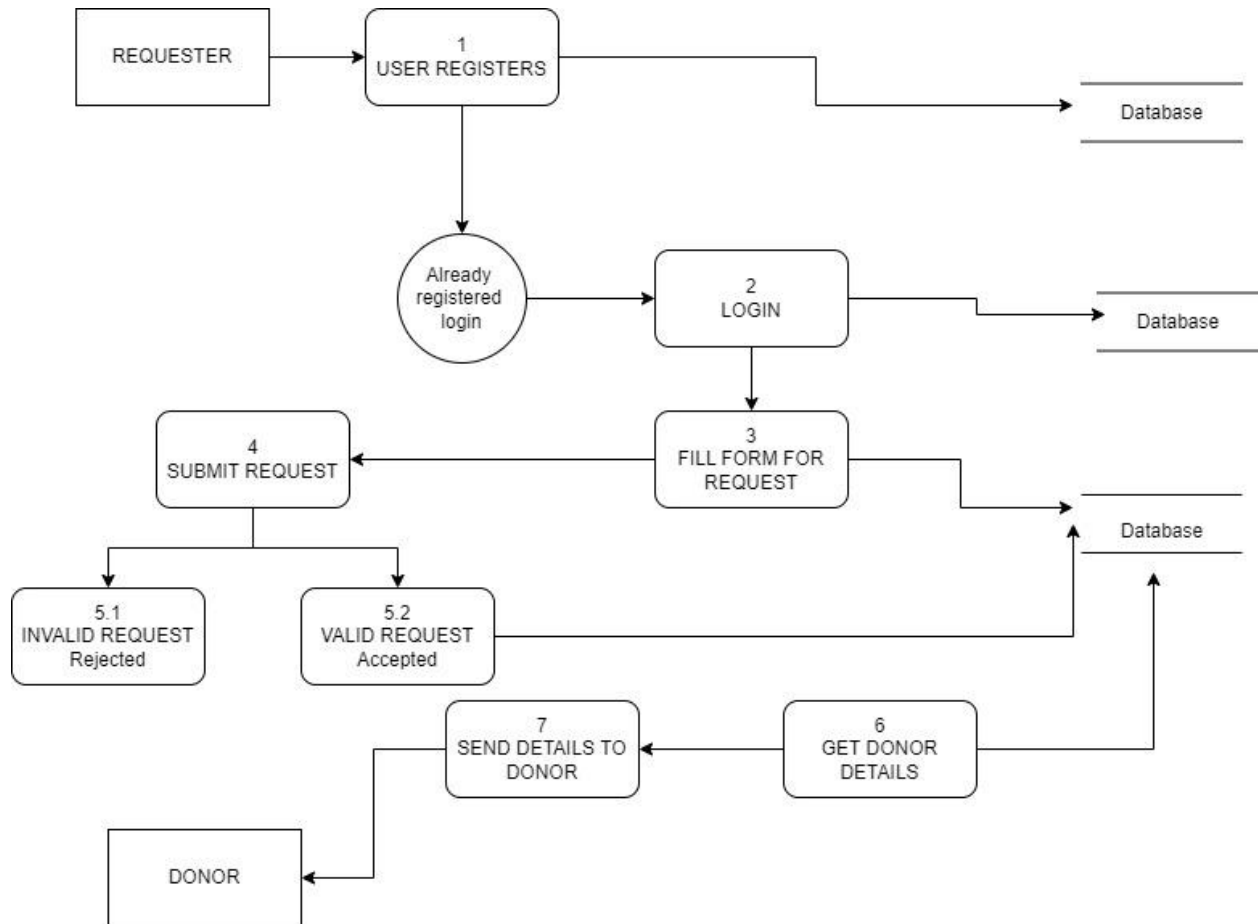
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Simplified:



1. The user interacts with the bot or fills a form
2. One of the worker node is assigned to handle the job
3. Information about the donor is searched in the database
4. A notification is generated to inform the request details

DATA FLOW DIAGRAM:



USER STORIES:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Donor/ Receiver/ Hospital	Registration	USN-1	As a user, I can register for the application by entering my email or mobile no, 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-9	As a user, I can register for the application through different SSO's.	I can register using the sso.	Low	Sprint-3
	Login	USN-3	As a user, I can log into the application by entering email & password	I can login to the dashboard.	High	Sprint-1
	Chatbot	USN -12	As a user, I can interact with chatbot incase of queries.	I can approach chatbots.	Low	Sprint-4
Receiver	Dashboard	USN-5	As a receiver, I can create request for a plasma	I can create requests	High	Sprint-2
Donor	Dashboard	USN-6	As a donor, I can check the plasma the requests posted.	I can see requests	High	Sprint-2
	Donor Certificate	USN-13	As a donor, I can download the plasma donation certificate	I can download certificates	Medium	Sprint-4
Donor/Receiver	History	USN-10	As a user, I can see my history of donating or requesting plasma.	I can view history	Low	Sprint-3
Hospital	Donation Drives	USN-11	As a hospital, I can raise notifications about the upcoming plasma donation drives.	I can raise awareness.	Medium	Sprint-3
Administrator	Login	USN -4	As an admin, I can log in to the admin panel.	I can login to the admin panel.	High	Sprint-1
	Verification	USN - 7	As an admin , I need to verify the users and hospitals.	I can verify users	Medium	Sprint-2
	Dashboard	USN -8	As an admin ,I can create requests and place them on priority.	I can create requests	High	Sprint-2
	User management	USN -14	As an admin, I can remove suspicious users.	I can modify users	High	Sprint-4