

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

<b>DATE</b>	12 NOV 2022
<b>TEAM ID</b>	PNT2022TMID02892
<b>PROJECT NAME</b>	Plasma Donor Application
<b>MAXIMUM MARKS</b>	4 marks

**Data Flow Diagrams:**

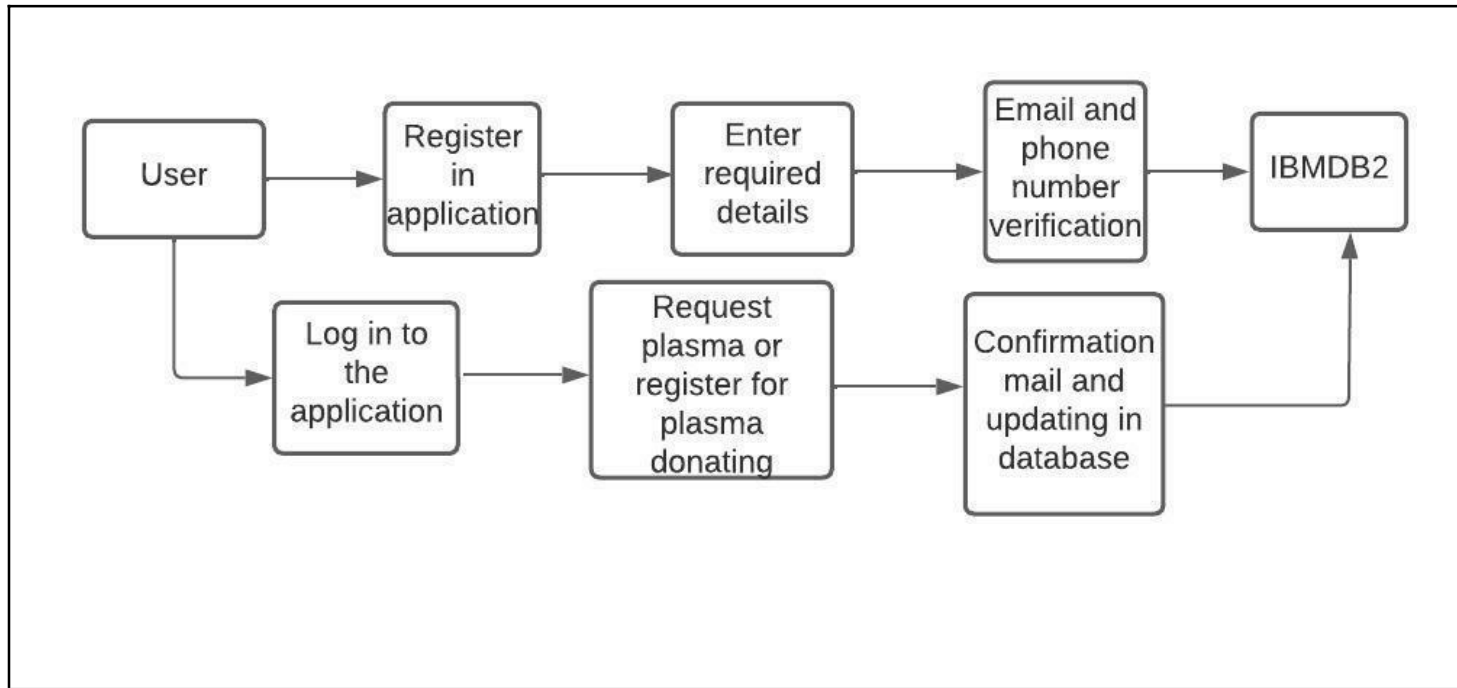
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

**Plasma Donor Application:**

**Flow:**

1. Donor / Recipient can register by entering their details
2. Already registered user can log in using their credentials
3. Users can register for donation or can create a request for plasma
4. All the details are stored in the IBM Database
5. The server provides the information of Plasma availability
6. Users booking can be verified by sending Emails or Messages

**Data Flow Diagram : (Plasma Donor Application)**



### Plasma Donor Application DFD

#### 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
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Admin	Registration/Log In	USN-1	As an admin, I can log In into the application by entering my email password.	I can access my account where I can have the list of users and their details.	High	Sprint-1
Donor	Registration	USN-2	As a donor, I can register into the application and get verified using OTP and email.	After verification, I can access my account and help the patients who are in need of plasma.	Low	Sprint-1
	Log In	USN-3	As a donor, I can log IN in to the application and help the patients by donating plasma.	After logging IN,notification will be sent and according to that i can react and help the patients.	High	Sprint-1
Hospitals	Registration	USN-4	As a Hospital, I can register with all the proofs asked and verification mail and OTP will be sent to verify it .	Hospitals can register into the application and request for the plasma for the needed patients.	Low	Sprint-2
	Log In	USN-5	After registration,the Hospital Admin can log In to the application .	As a Hospital Admin,I can logIn and request plasma, whenever patients need it.	High	Sprint-2
	Push notification	USN-6	When there is a need for plasma,Hospital Admin can push the notification.	As a Hospital Admin, I can push notifications to all the donors registered.	High	Sprint-2
Institutions	Registration	USN-7	Institutions can register into the application and as for the guidance to organize the plasma donation camps.	As an Institution Admin, I can register and ask for guidance to organize plasma	Low	Sprint-3

				donation camps.		
	Log In	USN-8	Institutions can log In and get guidance for organizing plasma donation camps.	As an Institution Admin, I can log in and get guidance to organize the plasma donation camps.	Low	Sprint-3
Admin	Maintain the database	USN-9	Admin will maintain the donors, Institutions and Hospitals details.	As an admin, I can manage the donors, Institutions and Hospitals details.	High	Sprint-4
Bot	Help the users by using bot	USN-10	As a bot, I will provide interactive communication with the user and provide the information they need.	I can access my account/dashboard.	High	Sprint-4