Project Design Phase-II Data Flow Diagram & User Stories
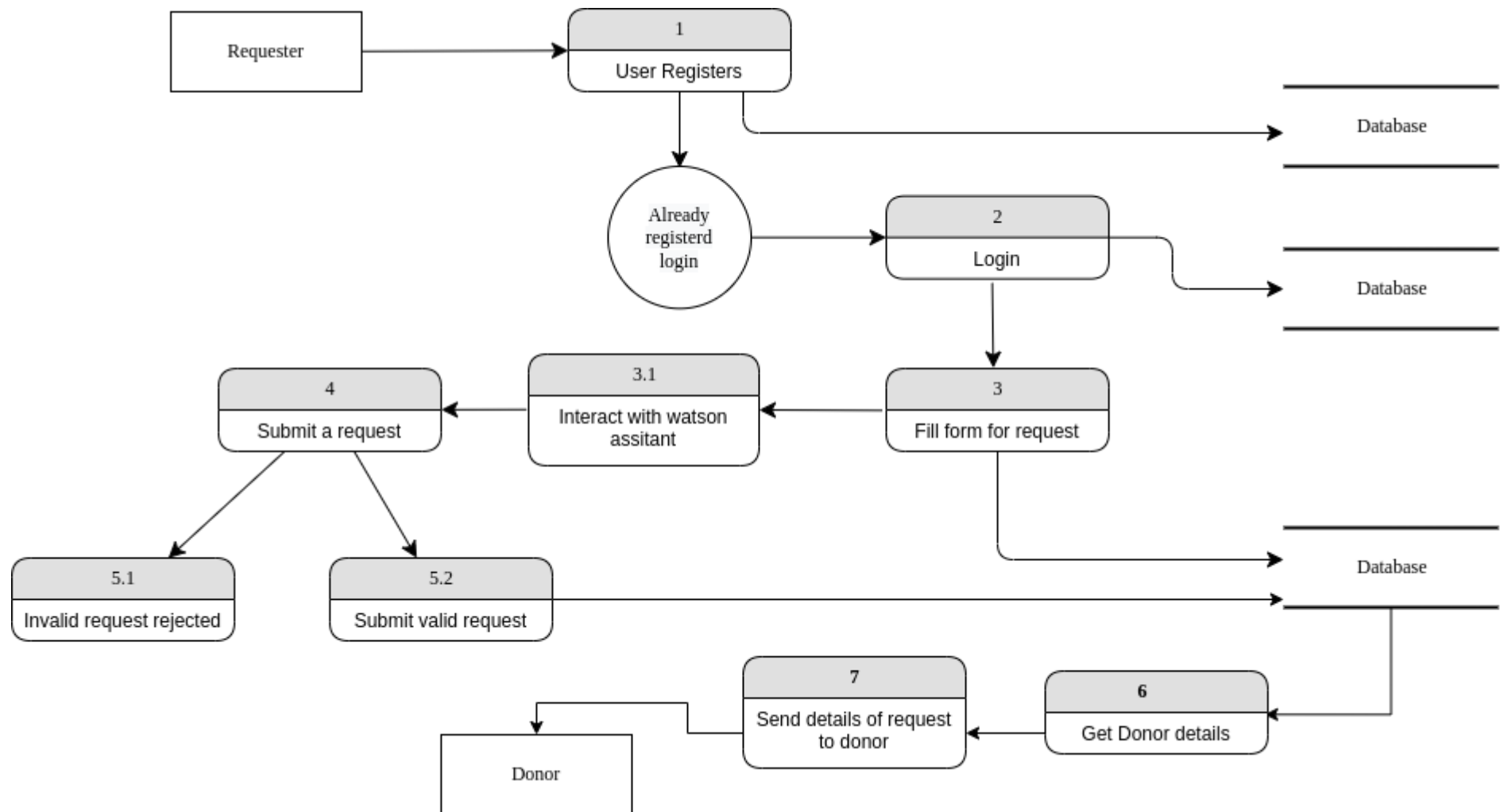
Date	11 November 2022
Team ID	PNT2022TMID33146
Project Name	Project - Plasma Donor Application
Maximum Marks	4 Marks

Data Flow Diagrams:
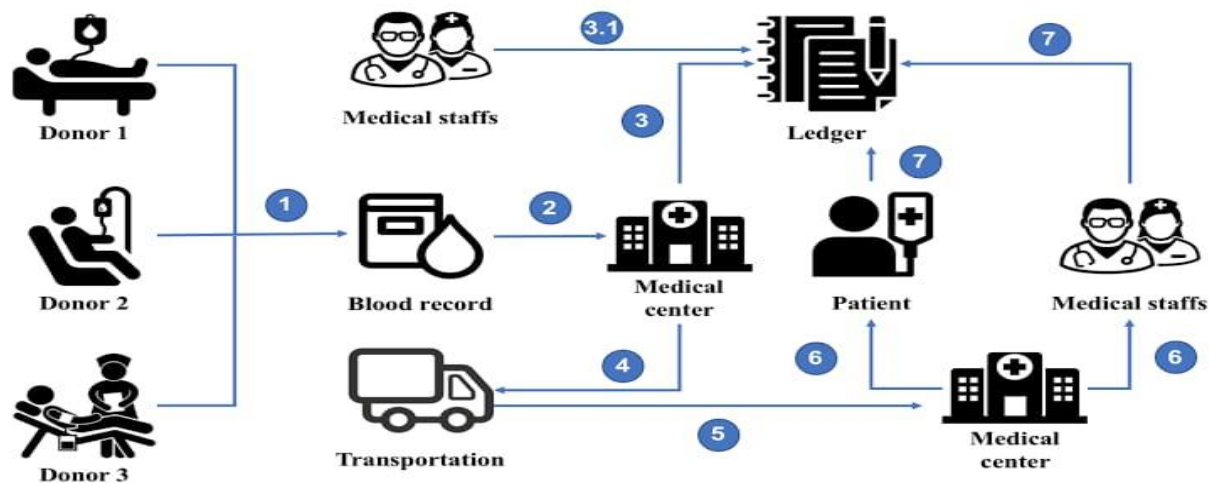
DFD Level 0 (Industry Standard)

User Stories

```
┌─────────────────┐                    ┌──────────────────────┐
│                 │                    │          1           │
│    Requester    │ ─────────────────▶ ├──────────────────────┤
│                 │                    │    User Registers     │
└─────────────────┘                    └──────────────────────┘
```

Database

```
        ╭───────────╮              ┌──────────────────────┐
        │  Already  │              │          2           │
        │ registerd │ ───────────▶ ├──────────────────────┤
        │   login   │              │        Login          │
        ╰───────────╯              └──────────────────────┘
```

Database

```
┌──────────────┐   ┌────────────────────┐   ┌──────────────────────┐
│      4       │   │        3.1         │   │          3           │
├──────────────┤ ◀ ├────────────────────┤ ◀ ├──────────────────────┤
│Submit a request│ │ Interact with watson│  │ Fill form for request │
│              │   │     assitant        │  │                      │
└──────────────┘   └────────────────────┘   └──────────────────────┘
```

Database

```
┌──────────────────────┐      ┌──────────────────────┐
│         5.1          │      │         5.2          │
├──────────────────────┤      ├──────────────────────┤
│ Invalid request rejected│   │  Submit valid request │
└──────────────────────┘      └──────────────────────┘
```

```
                  ┌──────────────────────┐   ┌──────────────────┐
                  │          7           │   │        6         │
                  ├──────────────────────┤ ◀ ├──────────────────┤
                  │  Send details of request│ │ Get Donor details │
                  │       to donor        │  │                  │
                  └──────────────────────┘   └──────────────────┘
```

```
┌──────────────────┐
│                  │
│      Donor       │
│                  │
└──────────────────┘
```

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)	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
Customer	Confirmation	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
Customer	Registration	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
Customer	Registration	USN-4	As an Administrator, I can view the database of the registered users.	I can see who are the persons registered here and their mail ids.	Medium	Sprint-1
Customer	Login	USN-5	As a user, I can log into the application by entering email & password	I can register & access the dashboard with Gmail Login	High	Sprint-1
Customer	Dashboard	USN-6	As a user, I can view and manage my profile, donation history and download the receipts.	I can view and manage my data at each section of the dashboard.	High	
Customer (Web user)	Website	USN-7	Act as an interface between the customer and donors		High	Sprint-4
Customer Care Executive	Help/support		As a customer care executive, I can solve the queries of the users.	I can reply to their queries and solve their related problems.	High	Sprint-5
Administrator	Admin Dashboard	USN-1	As an Admin, I can view and manage the customer details	I can access the admin dashboard and perform functions like adding new donor, deleting the	High	Sprint- 3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				existing donor and viewing the donor details		
Administrator	Admin Dashboard	USN-2	As an Admin, I can manage plasma collection details	I can add the new plasma stock, delete the existing stock and view the plasma details	High	Sprint - 4
User Type	**Functional Requirement (Epic)**	**User Story Number**	**User Story / Task**	**Acceptance criteria**	**Priority**	**Release**
Administrator	Admin Dashboard	USN-3	As an Administrator, I can view the database of the registered users.	I can see who are the persons registered here and their mail ids.	Medium	Sprint - 4
Administrator	Manage Contact us Query	USN-4	In this section, the admin can manage the query which is received from users.	I can view and answer the queries raised by the user and manage their queries	Low	Sprint - 3