Project Design Phase-II
Data Flow Diagram & User Stories

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┌──────────┐              ┌────────────────┐        ┌──────────┐
│  Donor   │─────────────▶│  Registration  │        │  Login   │
└──────────┘              └────────────────┘        └──────────┘
     │                          ▲                        ▲
     │                          └──────────┬─────────────┘
     │                                     │
     │                        Yes          │          No
     │                              ┌──────────────┐        ┌──────────────────┐
     │                              │     New      │        │ Checking request │
     │                              │     user     │        │     arrival      │
┌────────────────┐  ──────────────▶ └──────────────┘        └──────────────────┘
│ Web Interface  │                                                   ▲    │
└────────────────┘  ───────┐                              Yes        │    │
     │                     │                         ┌───────────────┘    ▼
     │                     │                         │           ┌──────────────────┐
     │                     └────────▶ ┌──────────────┐           │       Send       │
     │                               │   Password   │───────────│  acknowledgement │
     │                               │   correct    │           └──────────────────┘
     │                               └──────────────┘
     │                                  No  │
     │                                      ▼
     │                              ┌────────────────────┐
     │                              │ Incorrect Password │
     │                              └────────────────────┘
┌──────────┐         ┌──────────┐         ┌──────────────────┐
│  Admin   │────────▶│  Login   │────────▶│   Send Request   │
└──────────┘         └──────────┘         │    for  donor    │
                                          └──────────────────┘
```
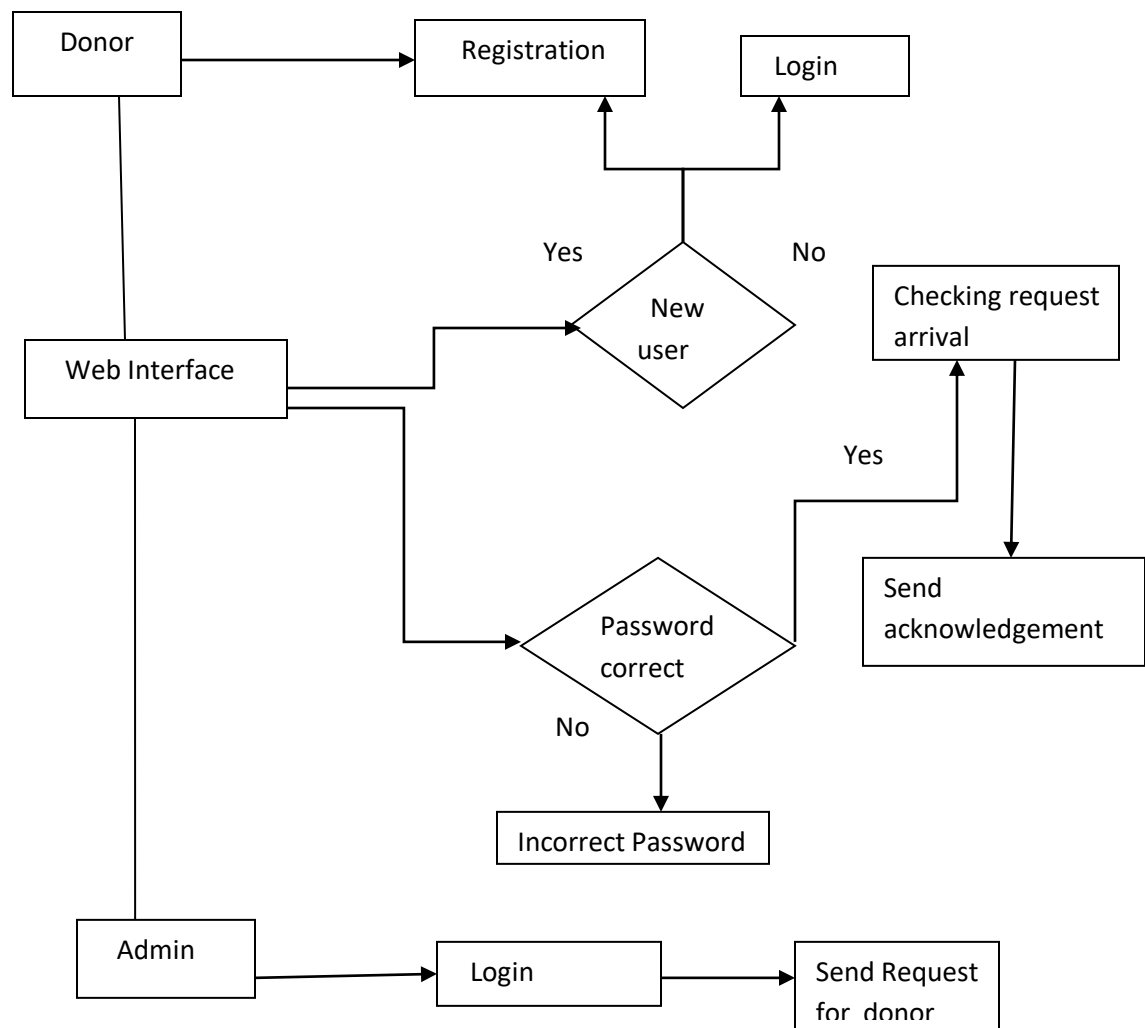
User Stories

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 (web 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
Donor (web user)	Email and phone number 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
Donor (web user)	Login	USN-3	As a user, I can register for the application through email id	I can register & access the dashboard with Email Login	Low	Sprint-1
Donor (web user)	Details	USN-4	As a user, I can register for the application through Gmail	I can submit my blood group and location	Medium	Sprint-2
Administrator (web user)	Login	USN-5	As a user, I can log into the application by entering email & password	I can access by username and password	High	Sprint-2
Administrator	IBM Cloud database	USN-6	As a administrator I can access donor information	I can store data in cloud	High	Sprint-3
Administrator	Details	USN-7	As a admin I can request for the particular donor	I can request for plasma donor for particular blood group and priority location	High	Sprint-3
Donor	Details	USN-8	As a user, I can see the request from the administrator	I can view the request for plasma	High	Sprint-4
Donor	Phone number	USN-9	As a donor, I can send acknowledgement to the admin	I can send acknowledgement to admin	High	Sprint-4