

PLASMA DONOR APPLICATION

TEAM ID - PNT2022TMID53650

FUNCTIONAL REQUIREMENT:

USER REGISTRATION:

- For registering, the user must enter their name, gender, plasma group, location, contact information, username, and password.

USER LOGIN:

- The user should be able to log in to the plasma donor application once they have registered. The database will store the login details for further use.

DONOR or RECEIVER:

- The user can choose to switch between being a Donor, a Receiver, or both.

REQUEST BLOOD PLASMA:

- The user can specify the plasma group they require.

SELECT DONOR:

- From the list of donors, the user can choose the donor they wish.

VIEW REQUEST:

- Donor can view the request of the user.

SENDING ACKNOWLEDGEMENT:

- If the request is accepted by the donor, then the ack is sent.

NON-FUNCTIONAL REQUIREMENT:

USABILITY:

- The users are of different types – **requester, donor**.

PERFORMANCE:

- The application must perform well in all aspects. The system must have a **user-friendly interface** that is easy to navigate.

SECURITY:

- The system must be **secured** as it deals with usernames, passwords, blood groups and other personal details of the user.

AVAILABILITY:

- The system must be **available 24/7**.