Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID53969
Project Name	Project - PLASMA DONOR APPLICATION
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail Registration through Form (WebApp)
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Certification	After the donor donates plasma, we will give them a certificate of appreciation and authentication.
FR-4	Statistical data	The availability of plasma is given in the page as an availability status, which will be helpful for the users.
FR-5	User Requesting Plasma	Users can request to donate plasma by filling out the request form on the page. Once the request is submitted, they will get an email verification.
FR-6	reporting requirements	Users can use the search bar to look up information about where our camps are being held and other topics.
FR-7	Visual Assistants	A virtual assistant is deployed in as a overlay software agent that can carry out tasks to provide services on behalf of a person in response to basic inquiries When users enter their inquiries, the system will respond with information about plasma and details of plasma donation.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user interface should be modern and user friendly to all age groups.
NFR-2	Security	it should be secured with 2FA authentication and other basic methods such as username and passwords
NFR-3	Reliability	The system should be made in such a way that it is reliable in its operations and for securing the sensitive details.
NFR-4	Performance	Users should have a proper Internet Connection.
NFR-5	Availability	As it is a health system it should be deployed and accessible 24x7
NFR-6	Scalability	The application has the ability to handle growing numbers of users and load without compromising on performance and causing disruptions to user experience