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

Date	15 October 2022
Team ID	PNT2022TMID04604
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 Form
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Certification	After the donor donates the plasma, we will send them the certificate of appreciation and authentication
FR-4	Statistical data	The availability of plasma is given in the page as stats,which will be helpful for the users.
FR-5	User Plasma Request	Users can request for plasma donation by filling out the request form on the page.Once the request is submitted, they will receive an email
FR-6	Searching/reporting requirements	Users can use the search bar to look up information about camps and other topics.
FR-7	Virtual Assistants	A virtual assistant is software agent that can carry out tasks or provide services on behalf of a person in response to commands or inquiries.When users enter their inquiries, the system will respond with pertinent 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**	Must have a good looking User friendly interface.
NFR-2	**Security**	It must be secured with the proper username and password.
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**	The system including the online and offline components should be available 24/7.
NFR-6	**Scalability**	The application has the ability to handle growing numbers of users and load without compromising onperformance.