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

Date	03 October 2022
Team ID	PNT2022TMID25781
Project Name	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 Website
FR-2	User Authentication	Authentication will be done through OTP
FR-3	User Login	Login through Login Id and Password
FR-4	Blood Status Display	Displays the blood units and the number of donors available for each unit
FR-5	Send request	A donor gets notification when there is a need for plasma
FR-6	Contact Details(Donor)	Contact donor directly using email id or phone number

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application is user friendly and easy to access and get benefitted.
NFR-2	**Intuitiveness**	It is simple to understand the interface,buttons, etc. Also chatbots can be used for clarifying doubts.
NFR-3	**Portability**	Plasma donor application is portable to use in any OS or Any browser.
NFR-4	**Latency**	Application can give responses with minimal latency which helps users to make use of this application even in any emergency situation.
NFR-5	**Performance**	The application works well in every emergency situation since load is maintained to be minimum.
NFR-6	**Scalability**	The application offers multiple users to use the application with the help of Kubernetes.