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

Date	28 October 2022
Team ID	PNT2022TMID43155
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 Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Clarification	After the donor donates plasma, we will give them a certificate of appreciation and authentication.
FR-4	Statistical data	The Statistical data about the usage of the plasma donor application displayed in the application
FR-5	User Plasma Donation Request	The 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
FR-6	Recipient Request for plasma	The user requesting for the plasma can request and find the availability of the plasma

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application should be user friendly and good-looking user-interface and should be easy to use the application
NFR-2	**Security**	The security requirements deal with the primary security. Only authorized users can access the system with user name and password of administrator.
NFR-3	**Reliability**	If Any information is inaccurate, it will cause big issues. The Application should be made in such a way that it is reliable in its operations and for securing the sensitive details.
NFR-4	**Performance**	The performance of the application is more important that the user should not face any lag

		or problem regarding application. So, the performance of the application should be high
NFR-5	**Availability**	The availability of the application should anytime, the user can use the application in emergency whenever it can be. So, the application should work 24/7.
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.