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

Date	18 October 2022
Team ID	PNT2022TMID04437
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	Sub Requirement
FR-1	User Registration	Register for the application by filling required information
FR-2	User Confirmation	Registration Confirmation email will be sent
FR-3	User Login	User can Login using registered email and password
FR-4	Sent Request	If plasma is required, the needed person will request the donor
FR-5	Search for plasma	Search donor's location using donor's information
FR-6	Updating	Admin can update plasma donor's donation information
FR-7	Notification	Needer get notified if request is accepted or rejected by the donor. If accepts needer can contact with donor directly

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	There should be a well designed user interface for plasm donor application.

NFR-2	Security	Data shared by donors must be secured and storage space must be more. Databases are able to keep all the donor information that is viewed by applications. It must be secured with email Id and password.
NFR-3	Reliability	The information shared must be safe without any issues. The system has to work 24/7 without failures other than network failure. A donor can have the faith on the system. The authorities will keeps the privacy of all donors in a proper manner
NFR-4	Scalability	The system offers the proper resources for issue solutions and is designed to protect sensitive information during all phases of operation.
NFR-5	Availability	The service should available all time i.e 24/7 Without any issues.
NFR-6	Reliability	The performance of the app or website should be good without any errors or issues. The application should be interactive and there shouldn't be any delays