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

Date	11 October 2022
Team ID	PNT2022TMID18022
Project Name	Plasma Donor Application – Cloud Application Development
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 Confirmation	Confirmation via Email
FR-3	User Login	Login using registered email Id
FR-4	Sent Request	The receiver contacts the donor if there is a need in plasma
FR-5	Contact Donor	Contact the donor directly through mobile number or email id
FR-6	View donation camps	View the list of nearby plasma donation camps

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 of the plasma donor application must be interactive and well-designed.
NFR-2	**Security**	- Like many other applications, security systems need a place to store their data. - All of the donor data that applications view can be stored in databases. - It needs to be password and email protected.
NFR-3	**Reliability**	- Aside from network outages, the system has the potential to operate continuously without error. - The system can be trusted by a donor.

		• In a responsible manner, the authorities will maintain the confidentiality of every donor.
NFR-4	**Performance**	• The Plasma Donor System must function well under various conditions. • Due to the participatory nature of the technology, there are fewer delays.
NFR-5	**Availability**	The entire system, including the internet components, ought to be accessible all the time.
NFR-6	**Scalability**	The system is designed to protect private information during all phases of operation and offers the essential resources for problem-solving.