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

Date	03 October 2022
Team ID	PNT2022TMID04052
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 Email
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login using Registered email Id
FR-4	Sent Request	If plasma is required, the receiver will contact the donor
FR-5	Contact Donor	Contact the donor directly if a phone number is given
FR-6	View donation camps	View the list of donation camps happening nearby

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The Graphical and user interface is be user-friendly and neat.
NFR-2	**Security**	The data is be completely stored in a secure database for the donor and recipient to access it safely.
NFR-3	**Reliability**	It is completely reliable and accessible for a long period of time without bugs. It should satisfy the core purpose of its making.
NFR-4	**Performance**	It is dynamic and performs well under difficult circumstances.
NFR-5	**Availability**	The availability of this application is around all the 365 days of the year with day and night availability around different nations.
NFR-6	**Scalability**	The application is sufficient for many numbers of users and supports to protect all information that are dynamically provided in the application.