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

Date	03October 2022
Team ID	PNT2022TMID30529
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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Location access	Share location access through link
FR-4	Recipient request	Inform through notification Inform through mail
FR-5	Donor acceptance to request	Accept through pop up Accept through mail
FR-6	End result	Define product features

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The quality of experience when interacting with the application will be attained.
NFR-2	**Security**	A system's ability to prohibit unauthorized access , usage or behaviour modification while providing service to authorized users
NFR-3	**Reliability**	It gave the reliable information to the user , because the register donors are well reliable person .So reliability is high.
NFR-4	**Performance**	Processing speed , response time ,resource consumption, throughput and efficiency
NFR-5	**Availability**	Made publicly available a new dataset formed by a set of plasma donors profiles and a set of patient collected from different search engine sites
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