

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

Date	14 October 2022
Team ID	PNT2022TMID21097
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 Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Objective	Describe what the product does
FR-4	End result	Define product features
FR-5	Focus	Focus on user requirements
FR-6	Documentation	Captured in use case

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Human Factors, overall aesthetics , consistency and documentation.
NFR-2	<b>Security</b>	A system's ability to prohibit unauthorized access , usage or behavior modification while providing service to authorized users.
NFR-3	<b>Reliability</b>	Frequency and severity of failure, recoverability, predictability , accuracy and mean time between failures(MTBF).
NFR-4	<b>Performance</b>	Processing speed , response time ,resource consumption, throughput and efficiency.
NFR-5	<b>Availability</b>	How long a system is available for users . This is time the system is not down due to outages or maintenance activities. Mean Time Between Failure(MTBF) is one metric that helps us characterize system availability.
NFR-6	<b>Scalability</b>	The ability of solution or system to increase its capacity to serve clients and/or increase processing rates to match demand.