

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

Date	03 October 2022
Team ID	PNT2022TMID29857
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	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.