

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID39184
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 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	Usability	Human Factors, overall aesthetics, consistency and documentation.
NFR-2	Security	A system's ability to prohibit unauthorized access, usage or behavior modification while providing service to authorized users.
NFR-3	Reliability	Reliability Frequency and severity of failure, recoverability, predictability, accuracy and mean time between failures(MTBF).
NFR-4	Performance	Processing speed, response time, resource consumption, throughput and efficiency.
NFR-5	Availability	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	Scalability	The ability of solution or system to increase its capacity to serve clients and/or increase processing rates to match demand.