

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

Date	15 October 2022
Team ID	PNT2022TMID51681
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 LinkedIn Registration through Phone number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Registration	Registration by their blood group
FR-4	Authentication	Through Email Through SMS
FR-5	Contacting	Through App Through Email Through SMS

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	24/7
NFR-2	Security	Access permissions for the particular system information may only be changed by the system's data administrator.
NFR-3	Reliability	Automatic restart and operation recovery.
NFR-4	Performance	The front-page load time must be no more than 2 seconds for users that access the website using an LTE mobile connection.
NFR-5	Availability	New module deployment mustn't impact front page. The rest of the pages that may experience problems must display a notification with a timer showing when the system is going to be up again.
NFR-6	Scalability	The website/app attendance limit must be scalable enough to support 200,000 users at a time.