

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

Team ID	PNT2022TMID28877
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Enter username and password
FR-4	Adding User essential data	Age Gender Disability if any Any disorders
FR-5	Alerts	Receive notification alert in case of any plasma emergency

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Fast and User friendly.
NFR-2	Security	The Data entered by the applicant are stored and maintained in the database in a confidential manner.
NFR-3	Reliability	Failure free operations and proper notification alerts are generated.
NFR-4	Performance	The updating of donor records and giving basic clinical advice with aftercare instructions.
NFR-5	Availability	It monitors the donation process whilst caring for the donor and this app is available to each user.
NFR-6	Scalability	This application can be further upscaled by utilization of appointment management subsystem to schedule future donation appointments.