

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

Date	10 October 2022
Team ID	PNT2022TMID03282
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 LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Certification	We will present the donor with a certificate of appreciation and validation after their plasma donation.
FR-4	Statistical data	The users will benefit from the numbers on the page that describe the availability of plasma.
FR-5	User Plasma Request	By completing the request form on the page, users can submit a request to donate plasma. Upon submission of the request, they will receive an email
FR-6	Searching/reporting requirements	Users can look up information on camps and other subjects using the search box.
FR-7	Virtual Assistants	A software agent known as a virtual assistant can perform duties or offer services on behalf of a human in response to requests or commands. The system will react to user enquiries with essential details about plasma and the donation of plasma.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	an aesthetically pleasing, user-friendly interface is a must
NFR-2	Security	Use the right username and password to secure it.
NFR-3	Reliability	The system must be designed to be dependable in how it operates and secures critical information.
NFR-4	Performance	Users should have a proper In A reliable Internet connection is required for users internet Connection.
NFR-5	Availability	The entire system, both online and offline, should be accessible all the time.
NFR-6	Scalability	The programmer can handle increasing loads and user numbers without sacrificing performance or degrading the user experience.