

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

Date	03 October 2022
Team ID	PNT2022TMID31299
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 Website. Registration through mobile/ laptop/ PC.
FR-2	User Confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	User Login	Login using Registered email Id. Login using Mobile number.
FR-4	Plasma Request	The recipient will contact the donor if plasma is needed.
FR-5	Contacting the Donor	If a phone number is provided, they can call the donor directly.
FR-6	View donation camps	Check out the list of donation camps in your area.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The plasma donor system's user interface needs to be user-friendly and well-designed.
NFR-2	Security	Applications can access all the donor data that databases can store. An email ID and password are required to secure it.
NFR-3	Reliability	The system should be made in such a way that it is reliable in its operations and for securing the sensitive details.
NFR-4	Performance	We know that donating blood saves lives, therefore we wanted to give users what they need to donate blood. The Plasma donor System must perform well in different scenarios. The system is interactive and delays involved are less.
NFR-5	Availability	The system including the online and offline components should be available for 24/7.
NFR-6	Scalability	The application has the ability to handle growing numbers of users and load without compromising on performance and causing disruptions to user experience.