

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

Team ID	PNT2022TMID21169
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 website
FR-2	User Confirmation	Confirmation via Email
FR-3	Required Data	User Age User Gender User Blood Group
FR-4	Send Request	If plasma required then donor get the notification
FR-5	View Request	Donor can view the request of the user.
FR-6	Contact Donor	Contact the donor directly if a phone number is given.

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 application is user friendly and easy to access
NFR-2	Security	The system must be secured as it deals with usernames, passwords, blood groups and other personal details of the user.
NFR-3	Reliability	The system has the ability to work all the times without failures apart from network failure.

NFR-4	Performance	The application must perform well in all aspects. The system must have a user-friendly interface that is easy to navigate.
NFR-5	Availability	The plasma Application is an online web application and it should be available for 24/7.
NFR-6	Scalability	The system offers the proper resources for issue and is designed to protect sensitive information during all phases of operation.