

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

Date	03 October 2022
Team ID	PNT2022TMID27459
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 Registration through Single Sign On (SSO's)
FR-2	User Confirmation	Confirmation via Email or Mobile Number
FR-3	User Login	Login via registered email ID or phone number.
FR-4	Plasma Request	A receiver can create plasma requests. A donor can view the plasma requests.
FR-5	Administrator Dashboard	Manage hospitals Verify Users Place requests on priority
FR-6	Donation Camps	The admin or the hospitals can give info about the ongoing donation camps

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI should be easy to use and should be attractive
NFR-2	Security	The data is encrypted and stored using the latest encryption techniques.
NFR-3	Reliability	The app should be reliable enough to recover itself in case of any failures.
NFR-4	Performance	The system should handle heavy traffic with ease and should sustain peak performance.
NFR-5	Availability	The app should be available 24/7.
NFR-6	Scalability	The system offers the proper resources for issue solutions and is designed to protect sensitive information during all phases of operation.