

Project Design Phase-II
Solution Requirements (Functional & Nonfunctional)

Date	21 October 2022
Team ID	PNT2022TMID01213
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 (or) application.
FR-2	User Confirmation	Confirmation via Email by sending verification code to mail.
FR-3	User Login	Login through registered email id.
FR-4	Send Request	Plasma donor will receive a notification whenever the receiver requests.
FR-5	Contact Donor	If it is emergency hospital management can contact the donor directly.

Non-functional Requirements: -

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	It will be easy to use and it will be quick to make a request.
NFR-2	Security	The users/donor details are stored in the cloud and it is encrypted with the user email id and password
NFR-3	Reliability	The system has the ability to work all the times without failure apart from network failure. The contact list of the donor are provided
NFR-4	Performance	The plasma donor application works well in every emergency situation. The easy interactive with the user and less interrupts
NFR-5	Availability	The plasma Application is an online web application and its monitor's 24/7.
NFR-6	Scalability	The application can store so much data in the cloud And it will be encrypted.