

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

Date	03October 2022
Team ID	PNT2022TMID45941
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 via Website Registration Through G-mail Registration via Application
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Text message
FR-3	User profile	User Name User Age User Gender User Weight User Blood Group User Contact Number User Address
FR-4	User Login	Login through registered email id Login through registered Website id
FR-5	Required Data	User Age User Gender User Health Conditions User Blood Group Covid Certificate
FR-6	Send Request	If plasma required then donor get the notification
FR-7	Estimation	Create the Plasma Donor Application Collect and store Plasma Donor/Recipient details in IBM cloud.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">• Navigate to home page• Locate Donor's Blood type• Find Donor next appointment• Find information about quarantine
NFR-2	Security	The users/donor details are stored in the cloud and it is secured with the user email id and password
NFR-3	Reliability	Ability of a solution to perform its required functions under stated condition for a specified period The system have 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 it monitor 24/7
NFR-6	Scalability	The application offers multiple users and it is designed to protect the users information and Details