Project Design Phase – II

Solution Requirements (Functional & Non-functional)

Date	11 October 2022
Team ID	PNT2022TMID06801
Project Name	Project-Plasma Donor Application
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

S.No	Functional Requirements (Main)	Sub Requirement (Story/Sub-task)
1	User Registration	User Registration through Website.
2	User Confirmation	Confirmation via registered email.
3	User Details	Login by using registered email Id.
4	Sent Request	If the plasma is required for the receiver, they will contact the donor.
5	Contact Donor	The receiver can contact the donor directly, if the phone number is available.
6	View Donation Camps	View the list of donation camps that are nearby to the receiver.

Non-functional Requirements:

S.No	Non-Functional Requirements	Description
1	Usability	The user interface of the plasma donor system must be well-designed and friendly to the user.
2	Security	The security system is mainly used for storing the user data in the safer manner. It must be secured with email Id and password of their own.
3	Reliability	The system should able to work all the times without any failures or errors. The system will create a fair view to the user.
4	Performance	The system must do well in different scenarios. The system is interactive and delays involved are less.
5	Availability	The system should be available for the user at 24/7.
6	Scalability	The system should offer the proper resources for the issues if any occurred and also designed to protect the sensitive information during all phases of operation.