

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

Date	14 October 2022
Team ID	PNT2022PMID49597
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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Recipient Registration	Registration through Form Registration through Gmail
FR-4	Recipient Confirmation	Confirmation via Email
FR-5	Recipient Notify Donors	Notify Donors via Email
FR-6	Donor Reply to Recipient	Notify Recipient via Email

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	It becomes easier for the donors to use this application for donating plasma, which in turn increases the number of users.
NFR-2	<b>Security</b>	All the user information will be handled by the admin and securely stored in database which cannot be accessed by anyone else.
NFR-3	<b>Reliability</b>	This application will intimate the donors to provide the correct information if any wrong data is entered, thus providing reliable information for recipient and vice versa.
NFR-4	<b>Performance</b>	The application performs in a better way for the donors as well as for the recipients thus making their work much easier.
NFR-5	<b>Availability</b>	This application is available for both donors and recipients at any time, any place.
NFR-6	<b>Scalability</b>	Adequate number of donors and recipient can get Registered and it can handle an adequate number of requests.