

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

<b>Date</b>	26 October 2022
<b>Team ID</b>	PNT2022TMID45909
<b>Project Name</b>	Plasma Donor Application
<b>Maximum Marks</b>	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	Donor Registration	Registration through Form Registration through Gmail
FR-2	Donor Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Recipient Registration	Register with form Register with Email
FR-4	Recipient Confirmation	Confirm via Email Confirm via OTP
FR-5	User Login	Login via Email Login via OTP.
FR-6	Recipient Notifies	Recipient get notified from Donor via messages.

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	Creating an online platform that not just serves strong network between plasma donors and plasma recipients and an User with no understanding of application must be able to interact with chatbot.
NFR-2	<b>Security</b>	The admin will handle the information given by the user and store them in a secured database which cannot be accessed by any other people.
NFR-3	<b>Reliability</b>	The database update process must roll back all related updates when any update fails.
NFR-4	<b>Performance</b>	This application will help donors as well as recipients in a better manner.

NFR-5	<b>Availability</b>	The notification about the availability of donor was sent through SMS.
NFR-6	<b>Scalability</b>	More number of users will register.

NFR-5	<b>Availability</b>	New module deployment must not impact front end page in upgrade time.
NFR-6	<b>Scalability</b>	Application traffic limit must be scalable enough to support 10000 user at time.