

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

Date	15 October 2022
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	Donor Registration	Registration through Form Registration through Gmail
FR-2	Recipient Registration	Registration through Form Registration through Gmail
FR-3	Donor Confirmation	Confirmation via Email Confirmation via OTP
FR-4	Recipient Confirmation	Confirmation via Email Confirmation via OTP
FR- 5	Match found	Alert through Email Alert through SMS

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User friendly, easy to register and donate/receive.
NFR-2	<b>Security</b>	Donor remains anonymous.
NFR-3	<b>Reliability</b>	Recipient will receive whatever they have requested for plasma.
NFR-4	<b>Performance</b>	Smooth UI/UX. Registration is straight forward and fast.
NFR-5	<b>Availability</b>	Depends on the availability of the type of donor.
NFR-6	<b>Scalability</b>	Connect with many NGOs, hospitals