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

Date	14 October 2022
Team ID	PNT2022TMID08777
Project Name	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, Gmail, Blood Bank App.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP, SMS
FR-3	Access	The form can be access through website, google forms.
FR-4	Gmail Account	Plasma donors can send request to the recipient through mail also. As soon as the request is submitted, they will get an confirmation e-mail to the registered one and then click confirm.
FR-5	Login requirements	Donor/Recipient can log into the application by entering email & password.
FR-6	Internet Facility	We can give information through website, blood bank app, social media, etc.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It is very useful when the patient is in need of blood.
NFR-2	**Security**	It should be secured with the proper matching blood group.
NFR-3	**Reliability**	It can recover the corona patients by blood transfusion of already corona affected and recovered people.
NFR-4	**Availability**	It requires an active internet connection for checking the status of blood donors.
NFR-5	**Scalability**	To ensure the maintenance of donor's healthy and allow them to give blood when needed, and ensuring that whether they have given the blood before.