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

Date	03 October 2022
Team ID	PNT2022TMID52198
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	Creating Donor Profile	Volunteer Donor able to create their donor profile by providing their medical information and past donations in the form.
FR-4	Making Plasma request	Filling up the plasma request form, user can able to make a request for plasma
FR-5	Virtual Donor Card	Active Donors will get a virtual donor card represents their donation activity.
FR-6	Statistical Dashboard	Every user will be provided with the statistical dashboard which will contains the information about the availability of donors.
FR-7	Help Chatbot	Users can ask their doubts about plasma donation to the help chatbot.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User must able to feel easy to perform all the operation supported by the system and it should contain the user-friendly UI and UX.
NFR-2	**Security**	The system must be designed in the way that it should prevent the unauthorized access and cyber-attacks.
NFR-3	**Reliability**	The system able to free from failures and should be perform consistently irrespective of the amount of load given.
NFR-4	**Performance**	The system must be able to performs in terms of responsiveness and stability under a particular workload.
NFR-5	**Availability**	The system should able to remains operational under normal circumstances in order to serve its intended purpose.
NFR-6	**Scalability**	The system must able to increase or decrease in performance and cost in response to changes in application and system processing demands.