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

Date	14 October 2022
Team ID	PNT2022TMID13526
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	Sign in / Login	Register with username, password
FR-2	Profile Registration	Register with username, password, email, blood type, age. This data will be stored in a database.
FR-3	User and donor dashboard	Display user requirements, requests for donor health certificate.
FR-4	Chatbot	A chat on the webpage to solve user queries and issues.
FR-5	Logout	Use logout option after completing job registration process.

FR No.	Non-Functional Requirement	Description	
NFR-1	**Usability**	The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the plasma requirement registering work.	
NFR-2	**Security**	Using of python flask to cloud connect will provide security to the project. Database will be safely stored in DB2.	
NFR-3	**Reliability**	To make sure the webpage doesn't go down due to network traffic.	
NFR-4	**Performance**	Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic.	
NFR-5	**Availability**	The webpage will be available to all users (network connectivity is necessary) at any given point of time.	
NFR-6	**Scalability**	Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive.	

Non-functional Requirements:

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