

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

Date	20 October 2022
Team ID	PNT2022TMID05580
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	Logout	Use logout option after completing job registration process.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description	
NFR-1	<b>Usability</b>	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. (easy and simple design)	
NFR-2	<b>Security</b>	Using of python flask to cloud connect will provide security to the project. Database will be safely stored in DB2.	
NFR-3	<b>Reliability</b>	To make sure the webpage doesn't go down due to network traffic.	
NFR-4	<b>Performance</b>	Focus on loading the webpage as quickly as possible irrespective of the number of user/integrator traffic.	
NFR-5	<b>Availability</b>	The webpage will be available to all users (network connectivity is necessary) at any given point of time.	
NFR-6	<b>Scalability</b>	Increasing the storage space of database can increase the number of users. Add some features in future to make the webpage unique and attractive.	