

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team Id	PNT2022TMID50023
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	1.Registration through Form 2.Registration through Gmail 3.Registration through LinkedIN
FR-2	User Confirmation	1.Confirmation via Email 2.Confirmation via OTP
FR-3	Data Entry	1.Collect the data from the user 2.Fill the information
FR-4	Analysing data	1.Analysing data and giving result based on their request
FR-5	Technology Used	1.Flask 2.IBM DB2 3.Docker 4.Kubernets 5.IBM Cloud
FR-6	Phases	1.Request phase 2.Response phase

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	1.Saving life of people. 2.Finding donor at the right time.
NFR-2	Security	1.Encrypt your data. 2.Avoid security misconfiguration.
NFR-3	Reliability	Result will be accurate.
NFR-4	Performance	Filtering respective blood group donors will be accurate.
NFR-5	Availability	It can be accessed at anytime, anywhere and anyplace.
NFR-6	Scalability	1. Memory utilization. 2. CPU usage. 3. Networkinput/output. 4. Disk input/output