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

Date	14 October 2022
Team ID	PNT2022TMID11738
Project Name	Plasma Donor Application

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 via Website Registration via G-mail Registration via Application
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP Confirmation via Text message
FR-3	User profile	User Name User Age User Gender User Weight User Blood Group
FR-4	Required Data	User Age User Gender User Health Conditions User Blood Group Covid Certificate
FR-5	Analysis	Analyze the Donor's Medical history and check for donating Plasma.
FR-6	Estimation	Create the Plasma Donor Application Collect and store Plasma Donor/Recipient details in IBM cloud.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	- Navigate to home page - Locate Donor's Blood type - Find Donor next appointment - Find information about quarantine
NFR-2	**Security**	Aspects of a solution that protect solution content or components from accidental or malicious access or use.
NFR-3	**Reliability**	Ability of a solution to perform its required functions under stated condition for a specified period
NFR-4	**Performance**	Degree a solution performs its designated functions with minimum consumption of resources
NFR-5	**Availability**	Degree the solution is operable and accessible to when required for use
NFR-6	**Scalability**	Degree with which a solution can grow or evolve to handle increase amounts of work