Project Design Phase-II
Solution Requirements (Functional)

Date	03 October 2022
Team ID	PNT2022TMID32645
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	Given that software operator has accessed web-application, then the software operator should be able to register through the web-application. The donor software operator must provide first name, gender, plasma group, location, contact , software operator name and password
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Operator login	Given that the software operator has registered, then the software operator should be able to login to the web-application. The login information will be stored on the database for future use.
FR-4	Request plasma	Software operator(Clinic) should be able to request for plasma at emergency situation, software operator need to define plasma group, location, required date, contact. The plasma request requested will be sent to plasma bank and then to the Inventory to check the availability. If available, the requested plasma will be sent to the requested donor(Clinic).
FR-5	View request	The plasma Bank should be able to view received request and then respond to them and can search requests by selecting two options select plasma group and provision.
FR-6	View distribution status	The Clinic, Blood or plasma Bank should be able to view the status of the distribution time. If the distribution seems to be delayed then the clinic manager must to able to call the distribution person to get the update/revise on the distribution.