

## Project Design Phase-II

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

<b>Date</b>	<b>03 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID27181</b>
<b>Project Name</b>	<b>Project - PLASMA DONOR APPLICATION</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

#### FUNCTIONAL REQUIREMENTS :

The functional requirements of the proposed solution are as follows :

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form (Web App)
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Certification	The certification of appreciation and authentication is given by us after the donor donates the plasma.
FR-4	Statistical data	The availability of plasma is given in the app page as stats which will be helpful for the users of the app.
FR-5	User Plasma Request	Users can request to donate plasma by filling out the request form the app page. We will get an e-mail when they submit their request on the app page.
FR-6	Searching/reporting requirement	Users can use the search bar to look up information about camps and other information about us.
FR-8	Virtual Assistants	A virtual assistant is a software agent that can carry out tasks or provide services on behalf of a person in response to commands or inquiries. When users enter their inquiries, the system will respond with patient information about plasma and details of plasma donation.

## NON FUNCTIONAL REQUIREMENTS:

The non-functional requirements of the proposed solution are as follows:

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	USABILITY	Must have a goodlooking Userfriendly interface.
NFR-2	SECURITY	It must be secured with the proper username and password.
NFR-3	RELIABILITY	The system should be made in such a way that it is reliable in its operations and far securing the sensitive details.
NFR-4	PERFORMANCE	Users should have a proper Internet Connection.
NFR-5	AVAILABILITY	The system including the online and offline components should be available 24/7.
NFR-6	SCALABILITY	The application has the ability to handle growing numbers of users and load without compromising on performance and causing disruptions to user experience.