

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

Date	03 October 2022
Team ID	PTN2022TMID24834
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	<b>User Registration</b>	Registration through Form (WebApp)
FR-2	<i>User Confirmation</i>	Confirmation via Email Confirmation via OTP
FR-3	<i>Certification</i>	E certificate should be provided to the user to motivate them.
FR-4	<i>Availability</i>	The availability of plasma is given in the page as stats, which will be helpful for the users.
FR-5	<i>Plasma Request</i>	Users can request to donate plasma by filling out the request form on the page.
FR-6	<i>Searching requirements</i>	Once the request is submitted, they will get an email Users can use the search bar to look up information
FR-8	<i>Virtual Assistants</i>	Virtual Assistants plays a vital role in clearing the doubts of the user .It surely helps the users to donate plasma in a right way and the necessary people may get plasma with help of Virtual Assistants.

**NON FUNCTIONAL REQUIREMENTS :**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Interface should be good.
NFR-2	<b>Security</b>	Safety measures such as firewall should be ensured
NFR-3	<b>Reliability</b>	Reliability is very important since user data is valuable one.

NFR-4	<b>Performance</b>	Users should have a proper Internet Connection.
NFR-5	<b>Availability</b>	The system including the online and offline components should be available 24/7.
NFR-6	<b>Scalability</b>	The application should work in all busy times without problems.