

**ProjectDesignPhase-II**  
**SolutionRequirements(Functional&Non-functional)**

Date	19 October 2022
TeamID	PNT2022TMID02810
ProjectName	Plasma Donor Application
MaximumMarks	4Marks

**FUNCTIONALREQUIREMENTS:**

Following are the functional requirements of the proposed solution.

FRNo.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	User Registration	Registration through Form(WebApp)
FR-2	User Confirmation	Confirmation via Email
FR-3	Certification	After the donor donates plasma, we will give them a certificate of appreciation and authentication.
FR-4	Statistical data	The availability of plasma is given in the page as stats, which will be helpful for the users.
FR-5	User Plasma Request	Users can request to donate plasma by filling out the request form on the page.
FR-6	Searching/reporting requirements	Users can use the search bar to lookup information about camps and other topics.

**NON-FUNCTIONALREQUIREMENTS:**

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

FRNo.	Non-FunctionalRequirement	Description
NFR-1	<b>Usability</b>	Must have a good-looking User-friendly interface.
NFR-2	<b>Security</b>	It must be secured with the proper username and password.
NFR-3	<b>Reliability</b>	The system should be made in such away that it is reliable in its operations and for securing the sensitive details.

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 has the ability to handle growing number of users and load without compromising on Performance and causing disruptions to user experience.