

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

Date	12 October 2022
Team ID	PNT2022TMID43983
Project Name	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	Registration through mobile/ laptop/ PC Registration through telegram group
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Donor Notification	Get notification through register mobile number Get notification through register Email
FR-4	Plasma needer details(person)	Availability details in App Availability details in telegram group
FR-5	Plasma availability(blood)	Availability details in App Availability details in telegram group

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	<ul style="list-style-type: none"> <li>Can new user quickly adapt to the software without helpless</li> <li>the most common operations streamlined to be performed quickly</li> </ul>
NFR-2	<b>Security</b>	<ul style="list-style-type: none"> <li>The system had user or role based security</li> <li>any operations done by user will keep private</li> </ul>
NFR-3	<b>Reliability</b>	<ul style="list-style-type: none"> <li>When ever the user change his scheduled</li> <li>use mobile and desktop anywhere</li> </ul>
NFR-4	<b>Performance</b>	<ul style="list-style-type: none"> <li>The performance of the app is in high level because it can holed only few data so it performance will fast</li> </ul>
NFR-5	<b>Availability</b>	<ul style="list-style-type: none"> <li>User can use mobile and desktop any where in network</li> <li>User can use application 24/7</li> </ul>
NFR-6	<b>Scalability</b>	<ul style="list-style-type: none"> <li>The capacity of an app is handle by cloud so it has high scalability and elasticity</li> </ul>

