

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

Date	03 November 2022
Team ID	PNT2022TMID50582
Project Name	PLASMA DONOR APPLICATION
Maximum Marks	4 Marks

**Functional Requirements:**

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></ul>

		<ul style="list-style-type: none"> <li>User can use application 24/7</li> </ul>
NFR-6	<b>Scalability</b>	<input type="checkbox"/> The capacity of an app is handle by cloud so it has high scalability and elasticity

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.