

Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Team ID	PNT2022TMID21590
Project Name	Project – Plasma Donation Application

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Login	Registration through Website
FR-2	Search result in a list view	Search result can be viewed in a list Each element in the list represents a specific donor
FR-3	Request Plasma	User should be able to request for Plasma at emergency situation, User should fill the necessary fields.
FR-4	Send Request	The Donor should receive email plasma request via email containing the Plasma request user details.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The usability of the website is to make all users will be satisfied with our requirements of the plasma Details.
NFR-2	Security	The security system of the project is to develop the website that prevents SQL injection attacks attack and DOS attack
NFR-3	Reliability	The reliability of the system is to make sure the website does not go offline. The users can be reach and use program at any time, so maintenance should not be a big issue.
NFR-4	Performance	The performance of the website is to provide data to all users without unnecessary delay and provide 24*7 availability
NFR-5	Availability	The availability of the website is that the website will be active on the Internet and people will be able to browse to it.
NFR-6	Scalability	The scalability of the system is we have limited our project to Indian cities and we have future plans to scale it to Continents level.