

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

Date	03 October 2022
Team ID	PNT2022TMID37690
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 Form Registration through mobile number
FR-2	User Confirmation	Confirmation via mobile number
FR-3	Covid-19 certificate	Upload covid-19 through Form
FR-4	Blood group	Enter the blood group through form

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Donate the blood during emergency period
NFR-2	Security	Donor details should save in database
NFR-3	Reliability	User has to Upload a Covid Negative report to be able to Donate Plasma.
NFR-4	Performance	Donate the blood at correct time
NFR-5	Availability	All kind of blood available
NFR-6	Scalability	results of laboratory experiments to be applied to larger natural or artificial plasmas of interest