

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

Date	03 October 2022
Team ID	PNT2022TMID07853
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 Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Customer care	Regularize the send grid service
FR-4	Administrator	Monitor the overall functionalities of the application and ensure quality of service

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Plasma donor Application is very useful to the emergency situation patient, because that application gives the information of the nearby plasma donors and request to donate their plasma to patient via email , SMS etc.
NFR-2	Security	Very secured website and application that provides various security features like 2 step verification, Email Verification, OTP password etc..
NFR-3	Reliability	It gave the reliable information to the user, because the register donors are well reliable person. So, reliability is high.
NFR-4	Performance	Carrying out an evaluation to quantify empirically the recommendation abilities of two state-of-the-art methods, considering different configurations, within the proposed framework.

NFR-5	<b>Availability</b>	Made publicly available a new dataset formed by a set of plasma donor's profiles and a set of patients collected from different search engine sites.
NFR-6	<b>Scalability</b>	Scalability problem mainly arise in huge and dynamic data sets which is produced by interactions between user and item such as preferences, ratings and reviews. It is possible that when some recommendation algorithms are applied on relatively small data sets, they provide the best results, but may reflect inefficient or worst behaviour on very large datasets.