

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

Date	22OCTOBER2022
Team ID	PNT2022TMID25368
Project Name	PLASMA DONOR APPLICATION

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Donor Registration	Register with Form Register with Email
FR-2	Donor Confirmation	Confirm via Email Confirm via OTP
FR-3	Recipient Registration	Register with form Register with Email
FR-4	Recipient Confirmation	Confirm via Email Confirm via OTP
FR-5	User Login	Login via Email Login via OTP
FR-6	Recipient Notifies	Recipient get notified from Donor via messages

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Establishing a robust online network for plasma donors and recipients as well as a platform to raise awareness and inspire donors by attending to their demands for and safety when receiving plasma.
NFR-2	Security	The administrator will handle the user's information and keep it safe in a database that only they and no one else can access.
NFR-3	Reliability	If the users provided incorrect data, a notification was sent to the donors.
NFR-4	Performance	The use of this application will benefit both contributors and beneficiaries.
NFR-5	Availability	SMS was used to notify recipients that a donor was available.
NFR-6	Scalability	A greater number of users will sign up.