

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

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
FR-2	User Confirmation	Confirmation via OTP
FR-3	User Login	User will login using the username/E-mail id and password
FR-4	Dashboard	User can get patient and donor registration page
FR-5	Patient Registration	User can register their details (Patient details)
FR-6	Donor Registration	User can register their details (Donor details)
FR-7	Notification	If registration finished the application send notification to patient or donor
FR-8	Chatbot	Chatbot assistance for user

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This system have a user friendly interface
NFR-2	Security	This system must be secured with proper username and password
NFR-3	Reliability	This system is reliable because the user details are protected carefully
NFR-4	Performance	This system must perform well in different scenarios
NFR-5	Availability	This system must be available 24 hours a day with no bandwidth issues
NFR-6	Scalability	In future increase or decrease in usage of plasma