

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

Date	13 October 2022
Team ID	PNT2022TMID14901
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User queries	User interact with IBM watson assistant
FR-4	User Notification	Donor accept request and send notification mail in user Id

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User with no understanding of application must be able to interact with chatbot.
NFR-2	Security	Access permission for the user information may only be changed by user ,be implemented as an extra security feature,authorized storage data.
NFR-3	Reliability	The database update process must roll back all related updates when any update fails.
NFR-4	Performance	Reduce font page load time must be no more 2 seconds.

NFR-5	Availability	New module deployment must not impact front end page in upgrade time.
NFR-6	Scalability	Application traffic limit must be scalable enough to support 10000 user at time.