

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

Date	22nd October 2022
Team ID	PNT2022TMID53422
Project Name	Project Design Phase-II
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/Facebook Registration through Healthcare portals
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through Username Login through Password
FR-4	User Verification	Verifying through credentials through Database
FR-5	Database Update	Updating data in database Altering data in database Deleting data in database
FR-6	Activities Tracking	Track the activities and keep the database updated

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The prediction model can be used by users, doctors and health care institutions
NFR-2	<b>Security</b>	The prediction model is not vulnerable to any brute force attack or any security attacks.
NFR-3	<b>Reliability</b>	The prediction model can only be accessed by the users who possess the username and password.
NFR-4	<b>Performance</b>	The prediction model can take in huge amounts of data , scalable for large-scale users and can do prediction as well as visualization.
NFR-5	<b>Availability</b>	The prediction model can be accessed at anytime and anywhere.
NFR-6	<b>Scalability</b>	The prediction model can be used by multiple users and multiple hospitals at the same time.