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

Date	18 October 2022
Team ID	PNT2022TMID03236
Project Name	Project - Statistical machine learning approaches to Liver disease prediction
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	Website Entry	Collecting user's data and storing it in the Database
FR-4	Permissions	Location, Contacts, Storage

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Defines how difficult it will be for a user to learn and operate the system. Usability can be accessed from different points
NFR-2	Security	Security requirements ensure that the software is protected from unauthorized access to the system and it's stored in data.
NFR-3	Reliability	Reliability defines how likely it is for the software to work without failure for a given period. Reliability decreases because of bugs in the code, hardware, failures and problems with other system component.
NFR-4	Performance	It is quality attribute that describer's responsiveness of system to the various user interactions with it.
NFR-5	Availability	It is gauged by period that system's functionality & services are available for use with all operations.
NFR-6	Scalability	Scalability describes how the system must grow without negative influence on its performance. This means serving more users, processing more data, doing more transactions. Website traffic limit must be scalable enough to support 2,00,000 users at a time.