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

Date	15th October 2022
Team ID	PNT2022TMID28175
Project Name	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, Storage, Contacts

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 its 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 describers 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.