

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

Date	19 October 2022
Team ID	PNT2022TMID13272
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 describes 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.