

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

Date	12th October 2022
Team ID	PNT2022TMID00576
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	The user can register the application by entering their E-mail id, Password, and Confirming the Password
FR-2	User Confirmation	The system gives an approval message to their respective mail id after the user account is activated.
FR-3	Website Entry &Data Management	Collecting user data and storing it in the Database will be used for future reference
FR-4	Predict the Disease	The user can easily predict the disease easily just by entering the Parameter data
FR-5	Result	The user can view their result immediately after predicting the disease
FR-6	Good Network Connection	The User should have a stable internet connection to accessthe functionality of our project and view their results via a web application.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	User Friendly	The entire system can be accessed through a web Application at any time and use the platform whenever they want. It is very easy to use.
NFR-2	Safe and Secure	The user data will be stored in a database so only the authorized person can able to access it so the user's data is safe and secured.
NFR-3	Reliability	It is a highly reliable platform other than authorized person no can access it.
NFR-4	Performance	It is a quality attribute that describes the responsiveness of the system to the various user interactions with it.
NFR-5	Availability	The application is available all the time so the user can predict liver disease at anytime
NFR-6	Scalability	It is more scalable because the application can be used in any kind of operating system either in the small or large