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

Date	03 October 2022
Team ID	PNT2022TMID36186
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	User input	Get necessary details for prediction
FR-4	Data Processing	Data cleaning, Data scaling, Feature selection
FR-5	Prediction	Predicting whether the user has liver disease or not

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	To check whether the patient has liver disease or not
NFR-2	**Security**	Implement necessary techniques to provide security to the user data
NFR-3	**Reliability**	Make ensure that the model is reliable
NFR-4	**Performance**	Use efficient ML techniques for better accuracy
NFR-5	**Availability**	By having few basic data set of people we can predict the disease.
NFR-6	**Scalability**	Predicts various types of liver disease