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

Date	12 October 2022
Team ID	PNT2022TMID40372
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 Registration through Phone Number
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Details	Get user Name Get user Age Get user Gender Get user Address Get user Location Get user Mobile Number Get user Gmail id
FR-4	User(patient) Blood Test Report Details	Get user Name Get user Age Get user Gender Get user Total Bilirubin Get user Direct Bilirubin Get user Alkaline Phosphotase Get user Alamine Aminotransferase Get user Aspartate Aminotransferase Get user Albumin Get user Total Proteins Get user Albumin & Globulin Ratio
FR-5	User Known value (Accurate/Approximate)	Get user BP level Get user sugar level Get user Physical Health Condition Get user Disorder / Disabilities detail
FR-6	User Demand	After Getting the Result, the Affected person need to consult a Doctor. The Non-Affected person need some medication which will show in same web application itself

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Our Web application is User Friendly which show them demonstration skippable video
NFR-2	**Security**	We don't share user details
NFR-3	**Reliability**	Our web application have high accuracy which can be utilized multiple times
NFR-4	**Performance**	By using better Machine Algorithm and collecting lot of details, Our web application provide more accuracy than all.
NFR-5	**Availability**	Our web application can be used by using Both Mobile phones and Computers itself. Only need users Blood Test Report
NFR-6	**Scalability**	Our web application can be used by world wide with easy to access it. Most accurate will predicted