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

Date	19 October 2022
Team ID	PNT2022TMID26244
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 LinkedIN
FR-2	User Report detail	Collecting information about the report to get the input for evaluating
FR-3	User Personal details	Collecting the detail such as weight and height To suggest some diet plans
FR-4	Information about report	Explaining the medical terms in the report and giving comments.
FR-5	Accurate report	Deals with the accuracy in the prediction
FR-6	Navigation	User friendly website for easy navigation from one web page to another

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User can know the range before entering their own report and can easily navigate.
NFR-2	**Security**	User details are secured
NFR-3	**Reliability**	After entering the information, the results are predicted in a short amount of time. In contrast to the conventional method, you don't need to wait for a doctor to arrive.
NFR-4	**Performance**	Deals with the front-end load time and fast return of result of the report
NFR-5	**Availability**	By using ML to identify hidden or early-stage liver disease, liver-related risk of death, transplants, and/or surgeries could all be reduced.
NFR-6	**Scalability**	Software that is simple to use and understand for everyone.