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

Date	03 October 2022
Team ID	PNT2022TMID32847
Project Name	Project - 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 Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Check-up details	Enter the body condition Provide the Solution
FR-4	Result of condition	Verify the Possibilities of life strength Result Confirmed

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Requirement Negative to use
NFR-2	**Security**	As much of people self protect with good habit
NFR-3	**Reliability**	even when liver stiffness measurement is feasible, high BMI values negatively affect the diagnostic reliability. Improved performance of transient elastography could be obtained using specifically designed probes.
NFR-4	**Performance**	Data pre-processing Feature Extraction Prediction through body condition
NFR-5	**Availability**	Liver disease may result from Viral infections Hepatitis A, hepatitis B and hepatitis C are diseases caused by a viral infection. Problems with your immune system: When your immune system

		mistakenly attacks your liver, it can cause autoimmune liver diseases.
NFR-6	**Scalability**	The MELD score ranges from 6 to 40, and is a measure of how severe a patient's liver disease is. MELD can fluctuate based on your current condition, with variations from a few points as lab values vary to a larger increase if you have an infection or an acute decompensation (worsening of your liver disease).