Project Design Phase-I
Proposed Solution

Date	27 September 2022
Team ID	PNT2022TMID00576
Project Name	Project –Statistical Machine Learning Approaches To Liver Disease Prediction
Maximum Marks	2 Marks

Proposed Solution :

S.No	Parameter	Description
1.	Problem Statement (Problem to be solved)	Discovering the existence of liver diseases at early stage is a complex task for doctors. The challenge is to predict the liver disease patient fast and accurate and to diagnose the patients in early stage .
2.	Idea / Solution description	Machine learning model which uses statistical data to predict the liver disease of the patients.
3.	Novelty / Uniqueness	Accurately classifies the intensity of the liver disease from the patients concentrating on relationship between a key list of enzymes, proteins, age and gender using them to predict the likeliness of the liver disease
4.	Social Impact / Customer Satisfaction	• Capable of predicting the liver disease in early stage • Works accurately and precisely to predict the liver disease • Doctors can be able to diagnose the live patients in early stage to save many lives
5.	Business Model (Revenue Model)	• This system can be integrated with any Health sector domain, It solves the complex process of predicting the liver disease of patients and makes ease to

		the doctors to diagnose the liver disease. • The user can be able to get consulting with doctors
6.	Scalability of the Solution	• Can be extended to predict many classification of diseases in early stage • This can be integrated to with any hospitals and health sectors to get patient records securely through APIs