Project Design Phase-I
Proposed Solution

Date	01 October 2022
Team ID	PNT2022TMID28449
Project Name	Statistical Machine Learning Approaches to Liver Disease Prediction
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	This project aims to identify a suitable machine learning algorithm which is capable of identifying whether a person has liver disease or not.
2.	Idea / Solution description	● More accurate diagnosis of liver disease by the doctors. ● The results here are predicted within seconds of entering the details. You don't need to wait for a doctor to come, unlike the traditional method.
3.	Novelty / Uniqueness	● Recommending nearby medical professionals with liver expertise. ● Trying to educate people about both alcoholic and non-alcoholic liver cancer.
4.	Social Impact / Customer Satisfaction	● Recommending diets. ● Describing the factors that contribute to liver disease.
5.	Business Model (Revenue Model)	● By using ML to identify hidden or early-stage liver disease, liver-related mortality, transplants, and/or hospitalizations could all be reduced.
6.	Scalability of the Solution	● The Project can reduce many of the limitations that occur in healthcare associated with inaccuracy in diagnoses, missing data, cost, and time.