

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID36186
Project Name	Project - Statistical Machine Learning Approaches to Liver Disease Prediction
Maximum Marks	2 Marks

Proposed Solution Template:

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

S.No.	Parameter	Description
•	Problem Statement (Problem to be solved)	1)Liver diseases avert the normal function of the liver. 2)Mainly due to the large amount of alcohol consumption liver disease arises.
•	Idea / Solution description	Early prediction of liver disease using classification algorithms is an efficacious task that can help the doctors to diagnose the disease within a short duration of time.
•	Novelty / Uniqueness	Discovering the existence of liver disease at an early stage is a complex task for the doctors.
•	Social Impact	1)Liver disease can be inherited (genetic). 2)Liver problems can also be caused by a variety of factors that damage the liver, such as viruses, alcohol use and obesity.
•	Business Model (Revenue Model)	1)This can be implemented as an essential detection method in every country. 2)Accurate detection and analysis can encourage the increase in financial benefit.
•	Scalability of the Solution	1) Accurate predictions and extensive use. 2) Availability.