

**Project Design Phase-I**  
**Proposed Solution Template**

Date	24 September 2022
Team ID	PNT2022TMID34932
Project Name	<b>Statistical Machine Learning</b> <b>Approaches to Liver Disease Prediction</b>
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Nowadays many peoples are affected by Liver disease because of that so many people are losing their life. Early detection of liver disease can be very helpful in the treatment of the disease to fast recover but it is very difficult to identify the liver disease in early stages. In some situations, the medical expert is unable to detect the symptom even at an early stage. It is one of the great losses for the patient
2.	Idea / Solution description	The software will detect the patients symptoms and it will find out the disease according to that symptom and it will show the result by ML techniques. We will do this by taking the data set of both normal and abnormal liver and we will train the software in that way by detecting the disease according to the symptom.
3.	Novelty / Uniqueness	In this software model we're not only predicting the disease but also giving some basic precautions like what to do & don't. which makes this model unique
4.	Social Impact / Customer Satisfaction	Many liver disease are left unpredicted. By implementing this software liver disease can be diagnosed in early stages which result in the decrease of death rate
5.	Business Model (Revenue Model)	Currently the global is running with newest technology likewise our project will more helpful to medical fields. And the medical institution , clinics and hospitals need to paid

		for yearly license and get renew yearly to continue the check up using this software
6.	Scalability of the Solution	The software will never show the new types of liver diseases in future because the algorithm and datasets we provided only for the current liver diseases in case of any new liver diseases founded in future it will show as a error in output we need to change the algorithm process to show without error in future.