Ideation Phase
Define the Problem Statements

Date	16 October 2022
Team ID	PNT2022TMID12919
Project Name	Statistical Machine Learning Approaches to Liver Disease Prediction
Maximum Marks	2 Marks

Customer Problem Statement Template:

To avoid the expensive and invasive tests, the application of statistical machine learning techniques to CMP results for the extraction of information for a clinician might be helpful for diagnosis. Exploratory data analysis methods are extremely important in healthcare; they can predict patterns across data sets to facilitate the determination of risk or diagnostic factors for disease with more speed and accuracy. The use of these methods can allow for earlier detection and potentially prevent many cases of liver disease from progressing to the point of needing biopsy or complex treatment.

Example:

Problem Statement (PS)	**I am (Customer)**	**I'm trying to**	**But**	**Because**	**Which makes me feel**
Statistical Machine Learning Approaches to Liver Disease Prediction	a patient with a problem in the liver tract.	test the presence of any disease in quick time and diagnose it.	There exists only expensive methods for prediction and are not very accurate.	Disease in the abdominal tract can be of various reasons and cannot be confined only to a particular part.	that past liver disease data can be used along with parameters such as blood composition, haemoglobin, sugar, etc to predict the presence of possible liver disease.