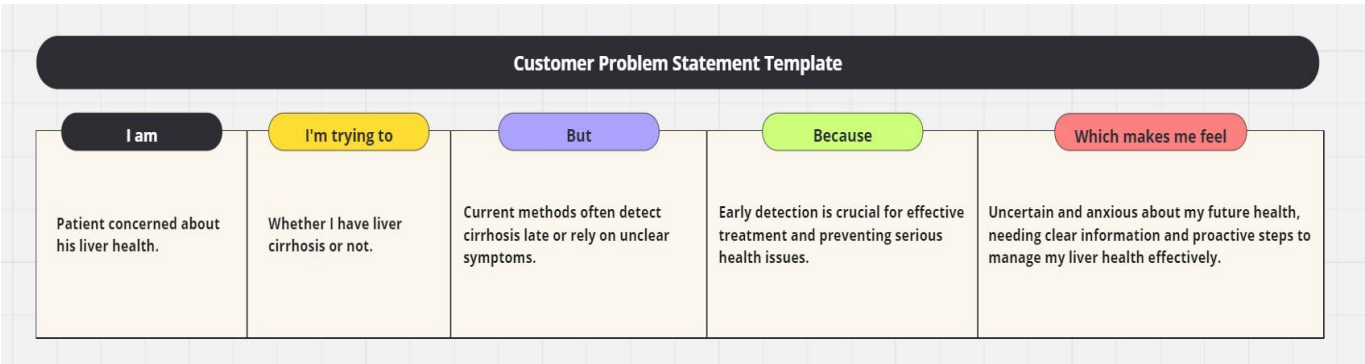


Ideation Phase
Define the Problem Statements

Date	28th June 2025
Team ID	LTVIP2025TMID41511
Project Name	Revolutionizing Liver Care: Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques.
Maximum Marks	2 Marks

Customer Problem Statement Template

Liver cirrhosis is a chronic and potentially fatal condition that often remains undetected until it reaches an advanced stage due to the non-specific nature of early symptoms and reliance on invasive diagnostic methods. Early diagnosis is critical for timely treatment and improving patient outcomes, but current clinical practices lack efficient tools for early and accurate detection. By analysing comprehensive patient data including medical history, lab results, imaging scans, and lifestyle factors, our predictive model will assess the likelihood of liver cirrhosis. This will enable healthcare professionals to make informed decisions, offering timely care and personalized treatment plans to patients at risk, thus enhancing overall healthcare quality and patient management.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Patient concerned about his liver health.	Whether I have liver cirrhosis or not.	Current methods often detect cirrhosis late or rely on unclear symptoms.	Early detection is crucial for effective treatment and preventing serious health issues.	Uncertain and anxious about my future health, needing clear information and proactive steps to manage my liver health effectively.