

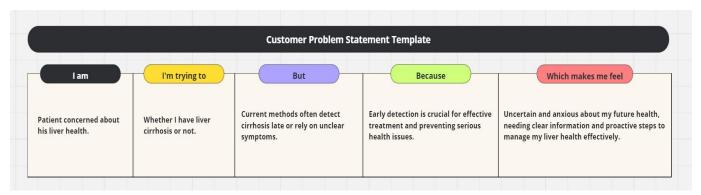


ProjectInitializationandPlanningPhase

Date	June	
TeamID	LTVIP2025TMID35140	
Project Name	Revolutionizing Liver Care: Predicting Liver CirrhosisUsingAdvancedMachineLearning Techniques.	
Maximum Marks	3 Marks	

Define Problem Statements (Customer Problem Statement Template):

Liver cirrhosis is a serious condition where liver tissue scars due to long-term damage, highlighting the importance of early detection and intervention for improved patient outcomes and complication prevention. By analysing comprehensive patient data including medical history, labresults, 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 over all healthcare quality and patient management.



Probl em State ment (PS)	I am (Customer)	I'mtryingto	But	Because	Whichmakesme feel
PS-1	Patientconcerned abouthisliver health.	WhetherI have livercirrhosisor not.	Currentmethods oftendetect cirrhosislateorrely on unclear symptoms.	Earlydetectionis crucialfor effective treatmentand preventingserious healthissues.	Uncertainand anxiousaboutmy futurehealth, needingclear informationand proactivestepsto managemyliver healtheffectively.