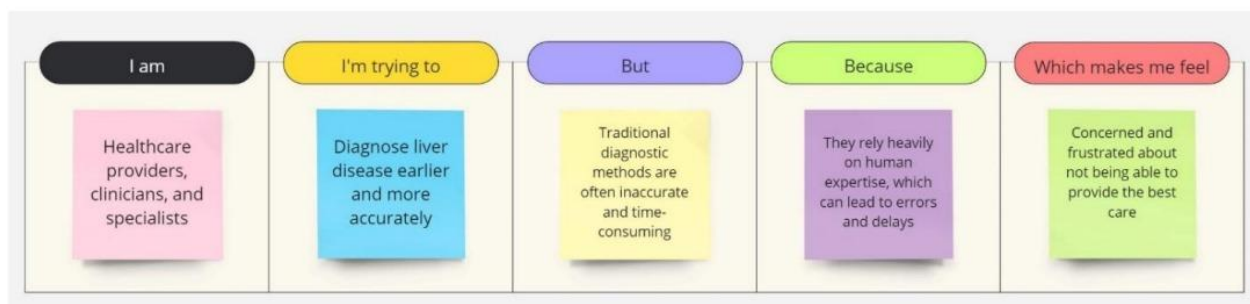


Project Initialization and Planning Phase

Date	09 July 2024
Team ID	SWTID1720023141
Project Name	Prediction and Analysis of Liver Patient Data Using Machine Learning
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Accurately diagnosing and predicting liver disease is essential for effective patient care and treatment. Unfortunately, existing diagnostic methods often lack the necessary precision and consistency, resulting in delays and potential errors in identifying liver conditions. These inaccuracies can lead to less effective treatment plans, negatively affecting patient outcomes and quality of life. By leveraging advanced machine learning techniques, we aim to improve the accuracy and reliability of liver disease diagnostics. This enhancement will enable healthcare providers to create more effective, personalized treatment plans, ultimately improving patient outcomes and optimizing medical resource use.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Healthcare providers, clinicians, and specialists	Diagnose liver disease earlier and more accurately	Traditional diagnostic methods are often inaccurate and time consuming	They rely heavily on human expertise, which can lead to errors and delays	Concerned and frustrated about not being able to provide the best care