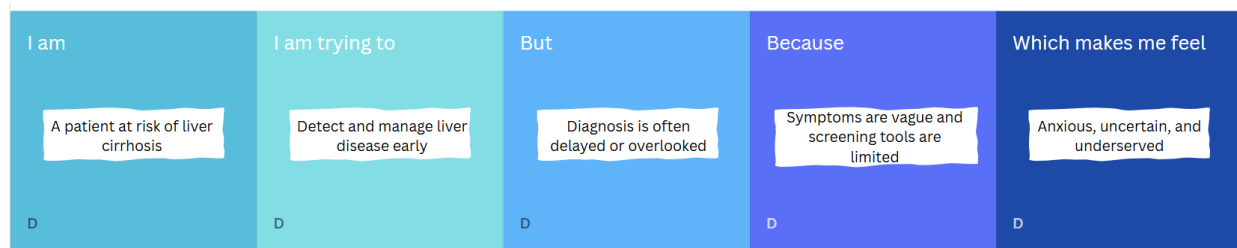


Project Initialization and Planning Phase

Date	24 June 2025
Team ID	SWTID1749708868
Project Name	Revolutionizing Liver Care : Predicting Liver Cirrhosis Using Advanced Machine Learning Techniques
Maximum Marks	3 Marks

Define Problem Statement :

Patients and healthcare providers often struggle with the early detection of liver cirrhosis due to vague symptoms and limited diagnostic access, leading to delays in treatment and worsening outcomes. This project addresses the need for a predictive machine learning model that leverages patient data—like medical history and lab results—to assess cirrhosis risk early, enabling timely intervention, personalized care planning, and better resource allocation in healthcare settings.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A patient at risk of liver cirrhosis	Detect the condition early	Early signs often go unnoticed	Symptoms are vague and tools are inaccessible	Anxious, confused, and underserved