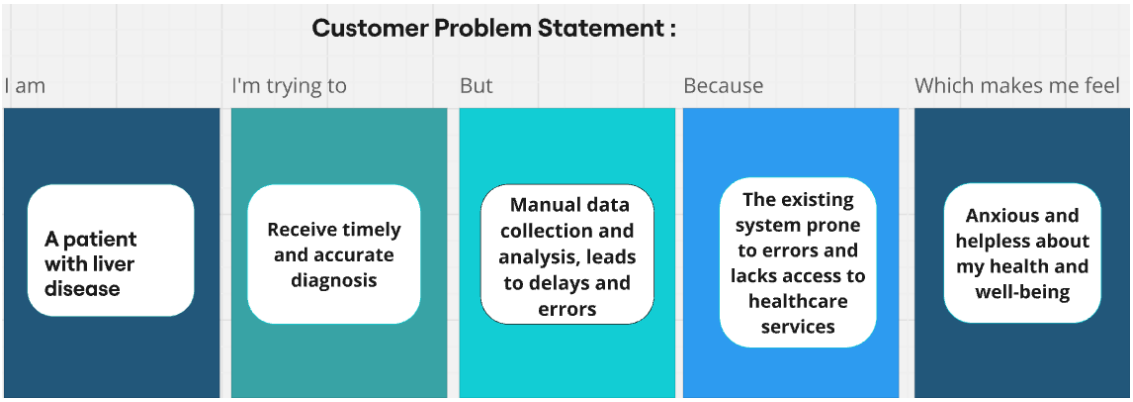
Project Initialization and Planning Phase

Date	03-10-2024
Team ID	LTVIP2024TMID24892
Project Name	Liver Patient Identification – prediction of liver disease
Maximum Marks	3 Marks

Define Problem Statement :

The current system for liver patient identification is often inadequate, leading to delayed diagnosis and poor health outcomes. Many patients with liver disease are not diagnosed until they exhibit symptoms of end-stage de compensation, which can be fatal. The current system relies heavily on manual data collection and analysis, which can be time-consuming and prone to errors. Many patients with liver disease do not have access to healthcare services, making it difficult for them to receive timely diagnosis and treatment.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A healthcare provider	Identify liver patients in a timely manner	The current system relies on manual data collection and analysis, leading to delays and errors	The existing system is inadequate and inefficient	Concerned about the well-being of my patients

P	A patient with liver disease	Receive timely and accurate diagnosis and treatment	Manual data collection and analysis, leading to delays and errors	The existing system is prone to errors and lacks access to healthcare services	Anxious and helpless about my health and well-being

Project Initialization and Planning Phase

Date	15 March 2024
Team ID	LTVIP2024TMID24892
Project Title	Liver Patient Identification – prediction of liver disease
Maximum Marks	3 Marks

Project Proposal (Proposed Solution):

The system we are proposing utilize various machine learning algorithms and techniques to identify liver patients. This system includes a machine learning-based approach for liver disease diagnosis using clinical and laboratory feature. A machine learning -based approach for liver disease diagnosis using clinical and laboratory features involves training machine learnin g algorithms on large datasets of clinical and laboratory features to identify patterns and relationships that can predict liver. By using this model we can predict which patient has liver disease accurately.

Project Overview	
Objective	Identifying wheather a person has a liver disease or not.
Scope	This project can identify the liver patient based on the clinical reports.
Problem Statement	
Description	Many patients with liver disease are not diagnosed until they exhibit symptoms of end-stage de compensation, which can be fatal. The current system relies heavily on manual data collection and analysis, which can be time-consuming and prone to errors.
Impact	It can be time-consuming and prone to errors. Many patients with liver disease do not have access to healthcare services, making it difficult for them to receive timely diagnosis and treatment.