Ideation Phase
Define the Problem Statements

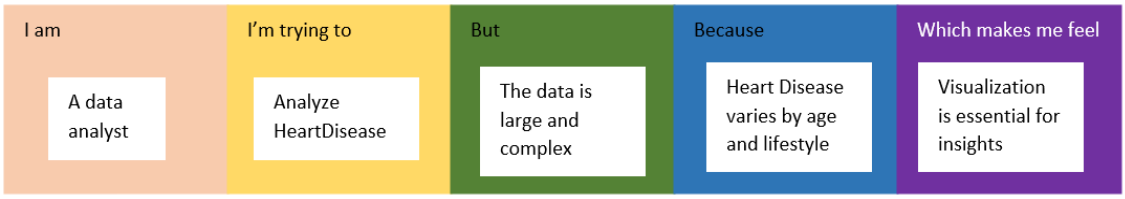
Date	31 January 2025
Team ID	LTVIP2026TMIDS91241
Project Name	HeartDisease Analysis
Maximum Marks	2 Marks

Customer Problem Statement – Heart Disease Analysis

This problem statement is created to understand the patient's and user's point of view regarding heart disease risk and health monitoring. The Customer Problem Statement helps us focus on real health challenges so that we can design a system that provides meaningful, data-driven insights for people.

A well-articulated customer problem statement allows our team to identify the right analytical solution for individuals who are at risk of heart disease. Throughout this process, we empathize with users by understanding their lifestyle, medical concerns, and emotional stress related to health. This helps us build a system that presents clear visual dashboards, early risk indicators, and easy-to-understand health metrics, enabling users to take preventive actions and make better lifestyle decisions.

I Am	A Data Analyst	A Data Analyst working on a Tableau project to study Heart Disease patterns using the historical data
I'm trying to	Analyze heart disease	Explore,analyze and visualize heart analyze heart disease data to identify major risk factors and create interactive dashboards for better decision-making
But	The dataset is large and difficult to interpet	the raw dataset contains multiple medical and lifestyle variables that are difficult to interpret without structured visualization
Because	Heart Disease vary across the age groups and other factors	large healthcare datasets include complex relationships between age, cholesterol, blood pressure, BMI, smoking, and other factors, making manual analysis inefficient
Which makes me feel	The need for clear visualization to understand	challenged but motivated to transform complex data into clear, actionable insights through the Tableau dashboards



Problem Statement	I am	I'm trying to	But	Because	Which makes me feel
PS-1	a healthcare analyst	predict whether a patient has heart disease	I don't have a clear way to identify high-risk patients early	patient data is complex and risk factors are not obvious	uncertain about making accurate clinical decisions
PS-2	a doctor	understand key factors contributing to heart disease	it is difficult to analyze large patient datasets manually	traditional analysis methods are time-consuming	frustrated and concerned about missing critical insights
PS-3	a patient	know my risk level for heart disease	I don't understand my medical reports properly	medical data is technical and hard to interpret	anxious about my health condition