Ideation Phase
Define the Problem Statements

Date	18 January 2025
Team ID	LTVIP2026TMIDS24884
Project Name	Heart Disease Analysis
Maximum Marks	2 Marks

Customer Problem Statement Template:

A well-defined customer problem statement helps us understand the challenges faced by doctors, policymakers, and patients in analyzing heart disease data and making informed decisions.

Problem Statements

Characteristic	PS-1	PS-2	PS-3	PS-4
I am (Customer)	Cardiologist	Government Health Officer	Middle-aged individual	Healthcare Data Analyst
I'm trying to	Identify high-risk patients	Develop preventive policies	Monitor personal health risk	Present meaningful insights
But	Cannot easily analyze datasets	Lack clear trend insights	Don't have simple comparison	Static reports don't show correlations
Because	Data is scattered	Raw data is complex	Medical reports are technical	No interactive visualization platform
Which makes me feel	Frustrated and concerned	Uncertain about policy decisions	Anxious about future health	Limited in explaining insights

Reference: https://miro.com/templates/customer-problem-statement/

Example:

Problem Statement Analysis

Characteristic	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-Example	Hospital administrator	Improve patient care quality	I cannot quickly analyze patient trends	Reports are static and complex	Overwhelmed and uncertain

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Cardiologist in a metropolitan hospital	Identify high-risk heart disease patients early	I cannot easily analyze large patient datasets with multiple risk factors	The data is scattered and not visually structured	Frustrated and concerned about missing critical warning signs
PS-2	A Government Health Officer	Officer Develop preventive health policies for heart disease	I lack clear regional and lifestyle-based trend insights	The raw health data is complex and difficult to interpret	Uncertain about making effective policy decisions