Ideation Phase
Define the Problem Statements

Date	28 February 2026
Team ID	LTVIP2026TMIDS46423
Project Name	Intelligent SQL Querying with LLM using Gemini Pro
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps focus on what matters to create meaningful and user-friendly database interaction experiences.

A well-articulated customer problem statement allows the team to identify the ideal AI-based solution for the challenges users face while interacting with relational databases. Throughout this process, empathy towards users helps in designing a system that simplifies technical complexity.

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

Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel

PS-1	A business analyst with no technical background	Retrieve specific sales and performance data from the company database.	I do not know how to write SQL queries.	SQL syntax is technical and requires understanding of database schema and commands	Frustrated and dependent on the technical team for simple data retrieval tasks.
PS-2	A manager who needs quick reports for decision-making.	Access real-time database information to analyze performance trends.	The data extraction process takes time due to manual SQL query writing.	I must rely on database administrators to generate queries correctly.	Delayed, inefficient, and less productive in making timely decisions.