Ideation Phase
Define the Problem Statements

Date	27 February 2026
Team ID	LTVIP2026TMIDS90853
Project Name	Intelligent SQL Querying with LLMs 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 you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

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	I am a Business Analyst / Non-technical User	I'm trying to retrieve data from a database to generate reports	But I don't know how to write complex SQL queries	Because SQL requires technical knowledge of joins, syntax, and database structure	Frustrated and dependent on developers
PS-2	I am a Student / Beginner Developer	I'm trying to learn SQL and practice database queries	But I struggle to understand how natural language questions convert into SQL	Because there is no intelligent guidance or real-time explanation system	Confused and demotivated while learning