Ideation Phase
Define the Problem Statements

Date	08 Febrauary 2026
Team ID	LTVIP2026TMIDS65960
Project Name	IntelliSQL: 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.

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

PS-1	data analyst or nontechnical	retrieve insights from databases	I struggle to write correct	SQL syntax requires technical	frustrated, timeconsuming, and dependent on technical

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:**

	business user.	using SQL queries.	and optimized SQL queries, especially for complex joins, aggregations, and nested queries.	expertise and a strong understanding of database schemas and relationships	teams for simple data retrieval tasks.

| PS-2 | a software developer or database administrator. | help users efficiently access and analyze structured data stored in relational databases. | manual query writing, debuggin g, and supportin g nontechnical users consume significan t time and resources. | users often lack SQL knowledge and frequently make syntax or logical errors in their queries. | overloaded with repetitive support requests, reducing overall productivity and efficiency. |