

Ideation Phase

Define the Problem Statements

Date	19 February 2026
Team ID	LTVIP2026TMIDS76399
Project Name	IntelliSQL: Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	2 Marks

Customer Problem Statement Template:

Students and beginner database users struggle to retrieve accurate data because writing SQL queries requires technical expertise, leading to errors and inefficiency; therefore, they need an easy-to-use system that converts natural language queries into SQL.

Customer Problem Statement

for **IntelliSQL**: Intelligent SQL Querying with LLMs (Gemini Pro)

I am	A student or beginner database user who needs to work with databases but has limited knowledge of SQL.
I'm trying to	Retrieve correct and meaningful data from a database by writing queries for assignments, projects, or reports.
but	I struggle to write proper SQL queries and often get syntax errors or incorrect results.
because	SQL requires technical knowledge of commands, table structures, and query logic, which is difficult for non-experts to understand.
which makes me feel	Frustrated, confused, and less confident while working with databases and data-related tasks.



I am / I'm trying to / but / because / which makes me feel