

## Ideation Phase

### Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2026TMIDS87048
Project Name	Intelligent SQL Querying with LLMs Using Gemini
Maximum Marks	2 Marks

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a student / beginner learning databases.	I'm trying to retrieve information from a SQL database.	But I find it difficult to write correct SQL queries.	Because SQL syntax and query structure are complex and easy to forget.	Which makes me feel frustrated and less confident while working with databases.
PS-2	I am a user who understands what data I need.	I'm trying to ask questions from the database quickly.	But I cannot always translate my questions into SQL queries.	Because writing queries requires technical knowledge.	Which makes me feel dependent on others or slowed down in my work.