

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	LTVIP2026TMIDS87048
Project Name	Intelligent SQL Querying with LLMs Using Gemini
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Users find SQL difficult and require technical knowledge to query databases.
2.	Idea / Solution description	System converts natural language questions into SQL queries using Gemini LLM and executes them on a SQLite database.
3.	Novelty / Uniqueness	Eliminates need for SQL expertise by enabling human-like interaction with databases.
4.	Social Impact / Customer Satisfaction	Improves accessibility, saves time, and increases productivity for non-technical users.
5.	Business Model (Revenue Model)	Can be offered as a subscription-based SaaS tool or enterprise solution.
6.	Scalability of the Solution	Extendable to multiple databases, domains, and cloud environments.