

Project Design Phase
Solution Architecture

Date	20 February 2026
Team ID	LTVIP2026TMIDS52185
Project Name	Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture bridges the gap between the business problem (complex SQL querying) and the technical solution (LLM-powered natural language to SQL system).

Goals of Architecture:

Find the best technical solution for SQL complexity

Define system structure and modules

Describe behavior and processing flow

Specify development and delivery requirements

Example - Solution Architecture Diagram:

