

**Project Design Phase**  
**Solution Architecture**

Date	08 February 2026
Team ID	LTVIP2026TMIDS66040
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:**

