ProjectDesignPhase
SolutionArchitecture

Date	08February2026
Team ID	LTVIP2026TMIDS66060
ProjectName	Intelligent SQL Querying with LLMs Using Gemini Pro
MaximumMarks	4Marks

SolutionArchitecture:

Solution architecture bridges the gap between the business problem (complex SQL querying)andthetechnicalsolution(LLM-powerednaturallanguagetoSQLsystem).

GoalsofArchitecture:

FindthebesttechnicalsolutionforSQLcomplexity Define

system structure and modules

Describebehaviorandprocessingflow

Specifydevelopmentanddeliveryrequirements

Example-SolutionArchitecture Diagram: