

Project Design Phase

Problem – Solution Fit Template

Date	28 February 2026
Team ID	LTVIP2026TMIDS46423
Project Name	Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	2 Marks

Problem – Solution Fit Template:

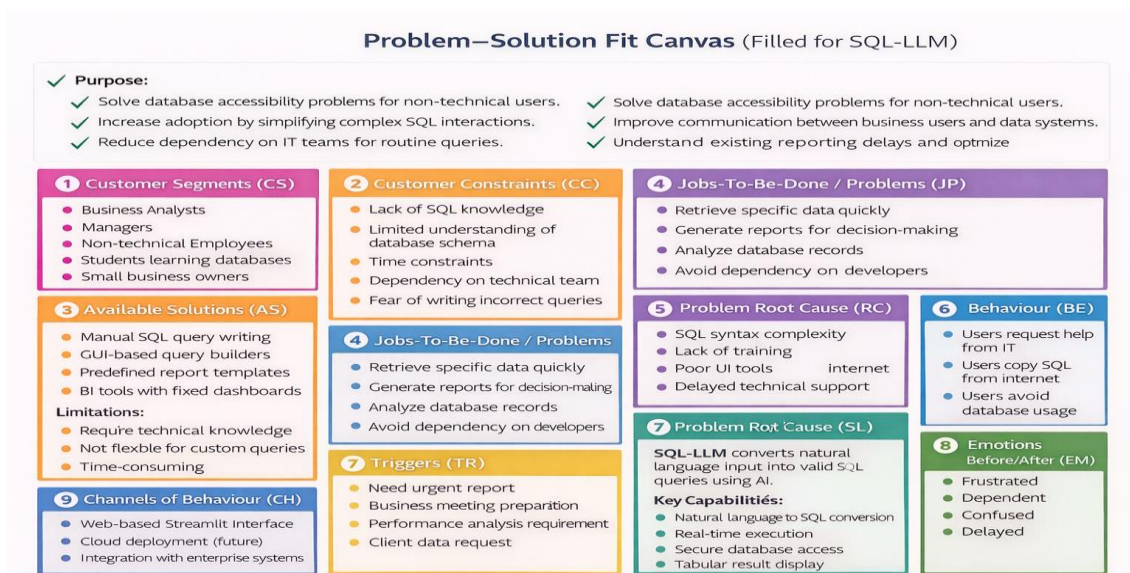
The Problem-Solution Fit ensures that the identified customer problem is clearly validated and that the proposed solution effectively solves the problem.

For the SQL-LLM project, the customer problem revolves around difficulty in accessing structured database information due to lack of SQL knowledge. The proposed AI-powered solution directly addresses this pain point by converting natural language queries into executable SQL statements.

Purpose:

- Solve database accessibility problems for non-technical users.
- Increase adoption by simplifying complex SQL interactions.
- Improve communication between business users and data systems.
- Reduce dependency on IT teams for routine queries.
- Understand existing reporting delays and optimize them through automation.

Template:



References:

- <https://www.ideahackers.network/problem-solution-fit-canvas/>
- <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>