Project Design Phase
Problem – Solution Fit Template

Date	24 February 2026
Team ID	LTVIP2026TMIDS34458
Project Name	Intelligent SQL Querying with LLMs using Gemini Pro
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

Purpose:

❑ Solve complex problems in a way that fits the state of your customers.

❑ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.

❑ Sharpen your communication and marketing strategy with the right triggers and messaging.

❑ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.

❑ **Understand the existing situation in order to improve it for your target group.**

Template:

1. CUSTOMER SEGMENT(S)	CS	6. CUSTOMER CONSTRAINTS	RC	5. AVAILABLE SOLUTIONS	AS
Non-technical business stakeholders (Marketing Manager, Sales & Ops), but don' daidaily anixing data know SQL; Overturbrened Data Aaslysts who spenving "simple data alvod retlived.		Security/Privacy: Relutomcostoce ted á bulaslatei rigic schema or datresic to 88%. n tastpara for jour stloríe date data public clouds; Budget: Limited haaiduandt hie hie more more schoset and fail antidase deítsted data complairoins.			
2. JOBS-TO-BE-DONE / PROBLEMS					
2. JOBS-TO-BE-DONE / PROBLEMS	J&P	9. PROBLEM ROOT CAUSE	RC	7. BEHAVIOUR	BE
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Identify strong TR & EM					
3. TRIGGERS	TR	10. YOUR SOLUTION	SL	7. CHANNEL SOLUTIOR	CH
"I An upscoming board meeting, suddoien, "foxoslines, "rompetitor lampaign base nga of tickal taed pivot.		If you are working on an eciesing traet berka np at siaied, ooi har á á'eol-otres kard, fatione Epesprigrin ot of casioles tinç kocpeigi baverd fiea bxd di Osfvoha bavlry ss,		Gemini Pro-powered Natural Language to SQL Interface. A secure, schema-aware RAG (Rtrrieva) pinel tliet optimized SQL instanliy?	
Before: Frustrated, blocked, or stata-blind, "data-blind, Aler: Emwoned, confident insdit we sell."	EM			8.1 OFFLINE Onltre: á Slack/Teams integration (where for crovoesractinis hum as Ask Data portal	

References:

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