

Ideation Phase

Define the Problem Statements

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

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
I'm trying to	<i>List their outcome or "job" the care about - what are they trying to achieve?</i>	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way – <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists – <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view – <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	I am a non-technical user.	Retrieve data from a database using queries.	I don't know how to write SQL queries.	SQL requires technical knowledge and understanding of database structure.	Confused and dependent on technical experts.
PS-2	I am a student or beginner working with databases.	Get correct information from large datasets.	Writing correct and optimized SQL queries is difficult.	SQL syntax is complex and error-prone.	Frustrated and less confident while working with data.