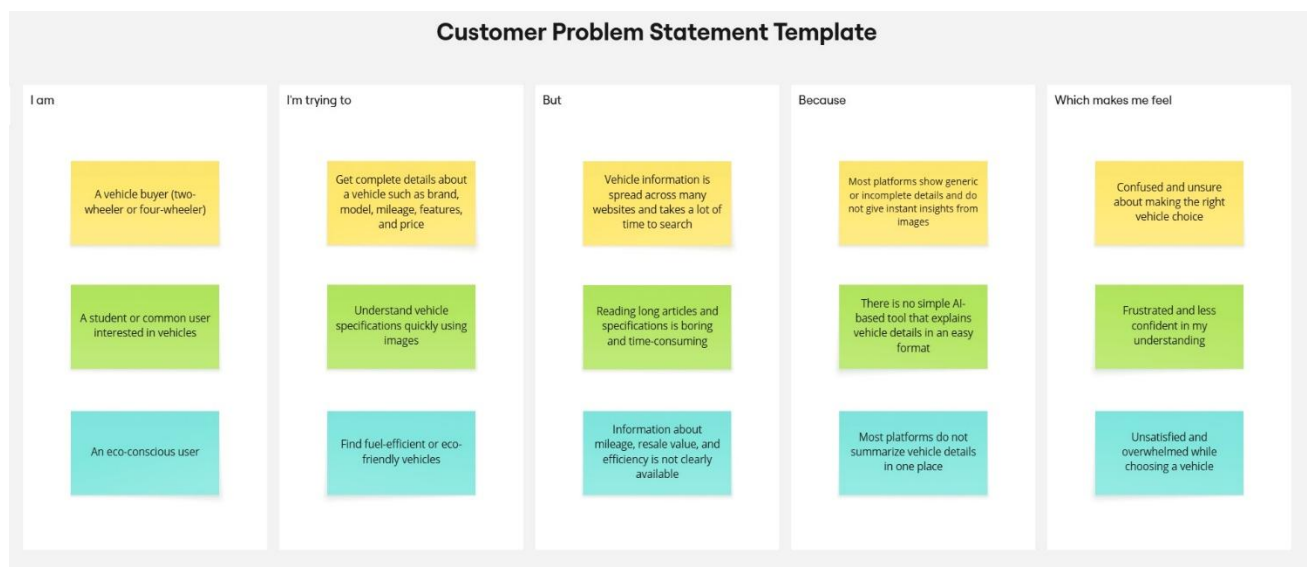


## Project Initialization and Planning Phase

Date	27 February 2026
Team ID	LTVIP2026TMIDS66231
Project Name	IntelliSQL: Intelligent SQL Querying Using Gemini Pro
Maximum Marks	3 Marks

### Define Problem Statements:

Database users, analysts, and business managers often struggle to extract meaningful insights from databases due to the complexity of SQL syntax and the technical expertise required. Non-technical users face significant barriers when trying to access database information, leading to dependency on technical teams for simple data requests. The lack of AI-powered tools that can translate natural language questions into SQL queries creates inefficiency, frustration, and limits data exploration capabilities across organizations.



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A database user or analyst	Write SQL queries to extract specific data from databases	Writing complex SQL queries is time-consuming and	SQL syntax is complex and I need to remember table structures	Frustrated and slowed down in my work

			error-prone		
PS-2	A business user or manager	Get quick answers from database without learning SQL	I don't know SQL syntax and database structure	There's no simple way to ask questions in natural language	Dependent on technical team members for simple data requests
PS-3	A non-technical user	Understand and explore database content easily	Current tools require technical knowledge I don't have	No AI-powered tools translate my questions to SQL queries	Limited and unable to explore data independently