


# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	19 February 2026
Team ID	LTVIP2026TMIDS41804
Project Name	IntelliSQL: Intelligent SQL Querying with LLMs Using Gemini Pro
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

#### Step-1: Team Gathering, Collaboration and Select the Problem Statement



## Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 🕒 10 minutes to prepare
- 👤 1 hour to collaborate
- 👥 2-8 people recommended

### Step-1: Team Gathering, Collaboration and Select the Problem Statement

**1**

#### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕒 10 minutes

**2**

#### Define your problem statement

What problem are you trying to solve? Frame your problem as a 'How might we' statement. This will be the focus of brainstorm.

🕒 50 minutes

**Team gathering**

The team of K Kapil, Iswariya Turaka, and Isikela Kavya gathers.

**Set the goal**

Think about the problem you'll be focusing on solving in this brainstorming session.

**Learn how to use the facilitation tools**

Use the Facilitation Superpowers tool to run a happy and productive session.

[Open article >](#)

**PROBLEM**

How might we enable non-technical users to write complex SQL queries easily?

**Key rules of brainstorming**

- 🕒 Stay on topic
- 🕒 Encourage wild ideas
- 🕒 Defer judgement
- 🕒 Listen to others
- 🕒 Go for volume
- 🕒 If possible, be visual

#### Step-2: Brainstorm, Idea Listing and Grouping

**2**

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕒 10 minutes

**TIP** You can select a sticky note and hit the pencil icon (draw to pencil icon to start drawing!)

**Kapil**

Natural Language Query Input

**Iswariya**

Use LLMs for SQL Generation

**Isikela**

Database Connection Module

**Person 4**

**Person 5**

**Person 5**

**Person 6**

**Person 7**

**Person 7**

**Person 8**

**3**

### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 20 minutes

**User Interaction**

- Natural language query input
- Simple web-based interface
- Voice-based input
- Show query results in table format
- Voice-based input
- Mobile app support

**AI & Processing**

- LLM-based SQL conversion
- Query optimization
- Schema understanding
- Personalized query suggestions
- Multi-language support

**System & Integration**

- Database connection module
- Query execution engine
- Error handling & logging
- CSV upload for bulk review
- Basic UI with result display

## Step-3: Idea Prioritization

### 3 Step-3: Idea Prioritization

#### Prioritize

Use an Impact vs Feasibility matrix to prioritize ideas for the IntelliSQL project.

Place ideas on this grid to determine which are important and which are feasible.

🕒 20 minutes

