

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

- Team gathering**
The team of K Kapil, Iswarya 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 >](#)

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

PROBLEM

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

3

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 (raw) or pen (iron) to start drawing!

Kapil	Iswariya	Isikela	Person 4	Person 5
Natural Language Query Input	Use LLMs for SQL Generation	Database Connection Module		
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 break it up into smaller sub-groups.

⌚ 20 minutes

User Interaction

- Natural language query input
- Show query results in table format
- Simple web-based interface
- 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

