

Ideation Phase
Brainstorm & Idea Prioritization Template

Date	19 February 2026
Team ID	LTVIP2026TMIDS76399
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, 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 >](#)

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?



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 (draw) or pencil icon 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 see if you can break it up into smaller sub-groups.

🕒 20 minutes

User Interaction
<ul style="list-style-type: none">Natural language query inputSimple web-based interfaceVoice-based inputShow query results in table formatVoice-based inputMobile app support

AI & Processing
<ul style="list-style-type: none">LLM-based SQL conversionQuery optimizationSchema understandingPersonalized query suggestionsMulti-language support

System & Integration
<ul style="list-style-type: none">Database connection moduleQuery execution engineError handling & loggingCSV upload for bulk reviewBasic 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

