

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

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 brainstorming.

⌚ 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 (raw) icon to start drawing!



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
- 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

