

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	27 June 2025
Team ID	LTVIP2025TMID31153
Project Name	Edu TutorAI-Personalized Learning with Generative AI and LMS Integration
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:


Brainstorming for the EduTutorAI project played a vital role in exploring innovative solutions for personalized learning through AI and LMS integration. The session focused on identifying key challenges in education, such as lack of individualized support, low student engagement, and educator workload. Ideas generated included developing an AI-powered virtual tutor, integrating adaptive quizzes, using IBM Watson STT for voice accessibility, LangChain for natural language understanding, and Streamlit for visual dashboards. This creative thinking process led to a clear vision of an interactive, scalable, and inclusive learning platform powered by generative AI and supported by modern cloud and open-source technologies.

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



BEFORE YOU BRAINSTORM

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

 10 minutes

Gather Your Team

Identify who should participate and send out invites in advance. Share relevant materials or pre-work ahead of time.


2

Collaborate on the Goal

Align everyone on the problem you'll be solving. Make sure the team understands the session's purpose.


1


Define your problem statement


 5 minutes


PROBLEM


How might we
[your problem statement]

 **Key rules of brainstorming**

 Stay on topic.

 Encourage wild ideas.

 Defer judgment.

 Listen to others.

Step-2: Brainstorm, Idea Listing and Grouping

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.



Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕒 20 minutes

TIP

Participants can use their cursor to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

