

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	
Project Name	
Maximum Marks	4 Marks



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



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

A Team gathering

The objective of this brainstorming session is to collectively address the problem of transparent education data management. We aim to generate innovative ideas and solutions to ensure secure and equitable access, sharing, and utilization of student and institutional data in the education sector while upholding data privacy and security.

B Set the goal

the problem we're focusing on is transparent education data management. This problem revolves around ensuring secure and equitable access, sharing, and utilization of student and institutional data to improve learning outcomes and support educational decision-making while maintaining data privacy and security

C Learn how to use the facilitation tools

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



Define your problem statement

How might we create a transparent education data management system that ensures the secure and equitable access, sharing, and utilization of student and institutional data to improve learning outcomes and support educational decision-making while maintaining data privacy and security?

PROBLEM

How might we [your problem statement]?



Key rules of brainstorming

To run a smooth and productive session

- 👤 Stay in topic.
- 💡 Encourage wild ideas.
- 👂 Defer judgment.
- 👂 Listen to others.
- 🗣️ Go for volume.
- 👁️ If possible, be visual.

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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 [switch to sketch] icon to start drawing!

Person 1

1. Blockchain-Based Student Records: Implement a blockchain system for storing student records.
2. Data Privacy Dashboards: Develop user-friendly data privacy dashboards for both students and educators.

Person 2

1. Access Control Mechanisms: Create robust access control mechanisms that enable data.
2. Secure Data Encryption: Employ advanced encryption techniques to protect.

Person 3

1. Interoperable Data Standards: Establish standardized data formats and protocols.
2. Data Anonymization and Aggregation: Develop processes to anonymize.

Person 4

1. Data Governance Committees: Establish data governance committees involving various stakeholders.
2. Data Usage Consent Management: Implement a system where students and parents.

Person 5

1. Blockchain-Based Student Records: Implement a blockchain system for storing student records.
2. Data Auditing Tools: Develop tools for regular data audits to track who accesses student.

Person 6

1. Secure Data Encryption: Employ advanced encryption techniques to protect.
1. Access Control Mechanisms: Create robust access control mechanisms that enable data.

Person 7

1. Data Privacy Dashboards: Develop user-friendly data privacy dashboards for both students and educators.
2. Public Reporting of Data Policies: Require educational institutions to publish their data.

Person 8

1. Blockchain-Based Student Records: Implement a blockchain system for storing student records.
1. Interoperable Data Standards: Establish standardized data formats and protocols.

3

Group ideas

Data Security and Privacy:

1. Blockchain-Based Student Records.
2. Data Privacy Dashboards.
3. Access Control Mechanisms.
4. Secure Data Encryption.
5. Data Anonymization and Aggregation.
6. Data Usage Consent Management.
7. External Security Audits.

Data Transparency and Governance: 8. Interoperable Data Standards.

1. Data Auditing Tools.
2. Data Governance Committees.
3. Public Reporting of Data Policies.
4. Education Data Trusts.
5. Education Data Ombudsman.

User Education and Engagement:

14. Data Literacy Programs.
1. AI for Data Compliance.

These clusters encompass the key aspects of addressing the problem statement related to transparent education data management. Each cluster represents a different focus area for addressing the problem effectively.

1. **Public Reporting of Data Policies:** Importance - High, Feasibility - High. Transparency in reporting is both important and feasible.
2. **Education Data Trusts:** Importance - High, Feasibility - Moderate. Setting up trusts may require more effort but can enhance transparency.
3. **Education Data Ombudsman:** Importance - High, Feasibility - High. Appointing an ombudsman is both important and feasible for conflict resolution.
4. **Data Literacy Programs:** Importance - High, Feasibility - High. Education programs are important and feasible to enhance data literacy.
5. **AI for Data Compliance:** Importance - High, Feasibility - High. AI can effectively assist in monitoring data compliance.

TIP

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