Ideation Phase
Brainstorm & Idea Prioritization Template

Date	21 October 2023
Team ID	NM2023TMID03985
Project Name	Transparent Education Data Management
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

Step-1: Team Gathering, Collaboration and Select the Problem Statement
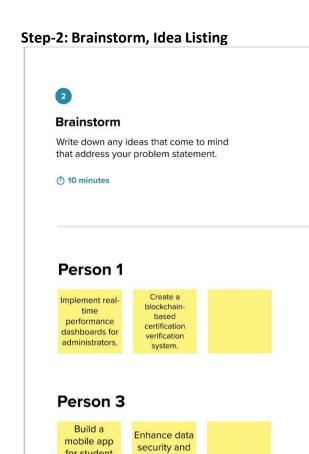
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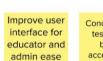
Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

⏱ **5 minutes**

PROBLEM

Education Data Management system to streamline data collection, storage, and analysis for educational institutions, facilitating data-driven decision-making and improved student outcomes.

Step-2: Brainstorm, Idea Listing

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Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕐 10 minutes

Person 1

Implement real-time performance dashboards for administrators.	Create a blockchain-based certification verification system.

Person 2

Develop predictive models for at-risk student identification.	Design data visualization tools for easy data interpretation.

Person 3

Build a mobile app for student and parent access.	Enhance data security and privacy with encryption.

Person 4

Improve user interface for educator and admin ease of use.	Conduct user testing for better accessibility and experience.

Person 5

Develop a recommendation engine for educational resources.	Provide data-driven decision-making training to schools.

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 and 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.

Create an all-in-one education data management system with real-time dashboards, blockchain-based certification verification, and a web app for secure data access.

Develop predictive models for identifying at-risk students, enhance data visualization tools, and ensure a user-friendly interface with regular testing.

Implement a recommendation engine for educational resources and offer data-driven decision-making training to schools for more informed choices.

Step-3: Idea Prioritization

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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

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Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Data-Driven Decision-Making Training

Certification Verification System

Data Security and Privacy

Data Access and User-Friendly Interface

Recommendation Engine for Educational Resources

Predictive Analytics

Data Visualization Tools

Mobile App for Data Access

User Testing and Experience Enhancement

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Feasibility

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Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)