

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	18 October 2023
Team ID	Team-592608
Project Name	ENVISIONING SUCCESS: Predicting University Scores Using Machine Learning
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:


Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich number of creative solutions.

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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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

Template



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

➡

Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

➡

Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

➡

Learn how to use the facilitation tools

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

[Open article](#) ➡

1

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

PROCESS

How might we Predicting University Scores Using Machine Learning

🧠

Key rules of brainstorming

To run an smooth and productive session

➡ Stay in topic.

💡 Encourage wild ideas.

⏸️ Defer judgment.

👂 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 (switch to sketch) icon to start drawing!

Person 1

Peer
Reviews and
Student
Feedback

Virtual
Campus
Tours

Person 2

Educational
Workshops
and
Awareness

Predicting
University
Scores Using
Machine
Learning

Person 3

Alumni
Success
Stories

Customized
Decision
Support

Step-3: Idea Prioritization

4

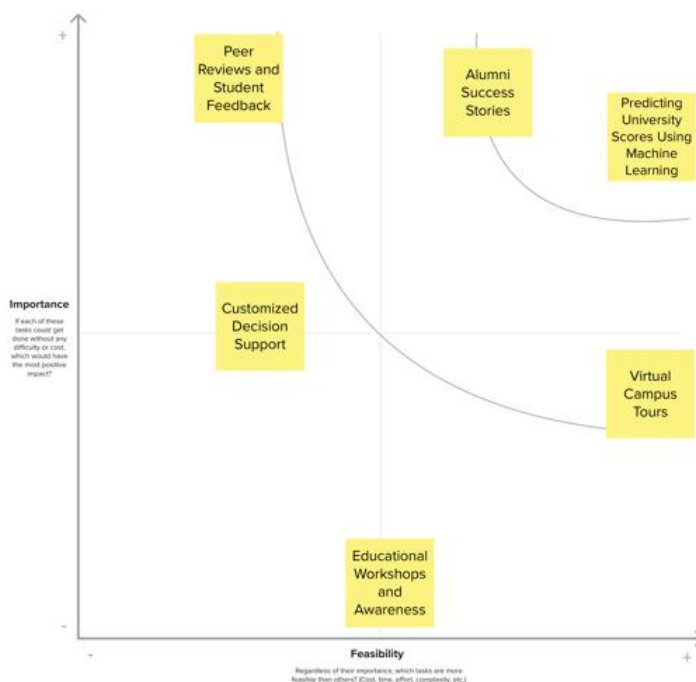
Prioritize

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 cursors 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.



Step-4: Voting to find the best idea within the group

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.

VOTES

Predicting University Scores Using Machine Learning	<div></div>	<div></div>
Alumni Success Stories		
Virtual Campus Tours	<div></div>	
Peer Reviews and Student Feedback		
Educational Workshops and Awareness		
Customized Decision Support		

Certainly, here's a description for why the idea of "Predicting University Scores Using Machine Learning" was chosen over the other options:

We have chosen to prioritize the implementation of "Predicting University Scores Using Machine Learning" for a number of compelling reasons. This decision aligns with our overarching goal of empowering students and their families to make informed decisions about higher education. It offers a unique and valuable solution to address a critical need in the education sector.

Firstly, this idea promises a significant and immediate impact on the lives of prospective university students. By harnessing the power of machine learning, we can provide students with data-driven insights into the quality and performance of universities. This empowers them to make choices that are not only academically sound but also conducive to their long-term career goals.

Furthermore, the technology behind machine learning and predictive modeling is well-established, with proven success across various applications. This ensures the feasibility and reliability of our approach, reducing the risk associated with the project.

In addition to the practical advantages, our commitment to educational excellence and the betterment of society is in perfect harmony with this choice. By offering a tool that aids students in selecting the right university, we contribute to a more knowledgeable and informed society, which ultimately benefits us all.

Moreover, our initiative holds the potential for innovation and positive disruption in the higher education landscape. By leveraging machine learning, we not only provide a service but also position ourselves as pioneers in the field of educational decision support. We embrace the opportunity to

shape the future of university selection by bringing data-driven, objective, and transparent information to students and their families.

In conclusion, the selection of "Predicting University Scores Using Machine Learning" as our top priority is a strategic decision grounded in its potential to make a significant impact on the education sector, its feasibility, alignment with our educational mission, and the opportunity for technological innovation. We are confident that this choice will propel us toward a future where students can make well-informed decisions about their higher education, fostering personal and societal growth.