

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	
Project Name	Estimate the crop yield using data analytics
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 amount 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



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

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

C Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

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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

How might we [your problem statement]?

Key rules of brainstorming

To run a smooth and productive session

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

Step-2: Brainstorm, Idea Listing and Grouping

IRUTHAYA NANCY G

- 1.To estimate the crop produced in a particular season.
- 2.To Analyse the major crop production based on the state.
- 3.To compare the amount of two crops.
- 4.To estimate the seasons with minimum productions.

VISHNU PRIYA T

- 1.Applying data mining methods for predicting the crop production across various areas.
- 2.To analyse the future patterns and character enabling companies to make informed decisions.
- 3.Modelling the crop yield data to generate useful knowledge and necessary conclusions
- 4.Studying the soil and atmosphere for the specific area, contributing to the increase of crop production and optimal crop production can be estimated assisting the farmers to benefit from the forecast.

ARCHANA T

- 1.To analyse the seasons with average productions.
- 2.To estimate the difference of crops produced in two years.
- 3.To find the year with usage of area and production.
- 4.To estimate the production based on the area.

SAMYUKTHA K

- 1.To estimate the state that is producing high yield.
- 2.To analyse the growth of crop for every years.
- 3.To compare the productions between two states.
- 4.Combination of crops from every state and district.

Iruthaya Nancy G

To estimate the crop produced in a particular season.

To Analyse the major crop production based on the state.

To compare the amount of two crops.

To estimate the seasons with minimum productions.

Vishnu Priya T

Applying data mining methods for predicting the crop production across various areas.

To analyse the future patterns and character enabling companies to make informed decisions.

Modeling the crop yield data to generate useful knowledge and necessary conclusions

Studying the soil and atmosphere for the specific area, contributing to the increase of crop production

Samyuktha K

To estimate the state that is producing high yield.

To analyse the growth of crop for every years.

To compare the productions between two states.

Combination of crops from every state and district.

Archana T

To analyse the seasons with average productions.

To estimate the difference of crops produced in two years.

To find the year with usage of area and production.

To estimate the production based on the area.

Step-3: Idea Prioritization

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

