

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

The screenshot displays a digital template for a brainstorming session. It is organized into three main vertical columns.

- Left Column:** Features a circular icon with a lightbulb inside a speech bubble, followed by the title "Brainstorm & idea prioritization". Below the title is a descriptive paragraph: "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." At the bottom of this column are three icons with corresponding text: "10 minutes to prepare", "1 hour to collaborate", and "2-8 people recommended".
- Middle Column:** Contains a section titled "Before you collaborate" with a timer icon and a brief description: "A little bit of preparation goes a long way with this session. Here's what you need to do to get going." Below this is a timer icon indicating "10 minutes". Further down, there are three sub-sections labeled A, B, and C, each with a small icon and a brief description:
 - 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.A blue button labeled "Open article" with a right-pointing arrow is located below these sub-sections.
- Right Column:** Starts with a timer icon and the number "1", followed by the title "Define your problem statement". A brief description follows: "What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm." Below this is a timer icon indicating "5 minutes". To the right of this text is a white rectangular box with a thin gray border, containing the word "PROBLEM" at the top and the placeholder text "How might we [your problem statement]?" below it. At the bottom of the right column is a section titled "Key rules of brainstorming" with a blue icon of a head with brain waves. It includes a sub-instruction: "To run an smooth and productive session". Below this are six rules, each with an icon:
 - Stay in topic. (Icon: smiley face)
 - Encourage wild ideas. (Icon: lightbulb)
 - Defer judgment. (Icon: person thinking)
 - Listen to others. (Icon: ear)
 - Go for volume. (Icon: speaker)
 - If possible, be visual. (Icon: eye)

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.
Modelling 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

