

Ideation Phase


Brainstorm & Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID48523
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.

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
2-4 people recommended

Share template feedback

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 at go-meet, ahead.
- Set the goal**
Think about the problem you'll be focusing on during the brainstorming session.
- Learn how to use the facilitator tools**
Use the Facilitator Support page to run a happy and productive session.

Open article

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

A farmer should predict climatic conditions, decide what to grow & when to grow, should know the overall crop yield turnover

Key rules of brainstorming

To run an smooth and productive session

Stay to topic.

Defier judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be critical.

Step-2: Brainstorm, Idea Listing and Grouping

1

Brainstorm

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

10 minutes

TP

You can attach a sticky note and hit the green button to check! (works best drawing!)

SURENDAR

Types of soil

Monsoons that alter

Quality of soil

Interval between crops

TAMILAVAN

Crop Type

Yield prediction

Pests and Control

Crop Diseases

SANTHOSH

Environmental Condition

Crop Growth Rate

Irrigation type

Varied Crop Growth

SURYA SIVAKUMAR

Resistance of crop to disease

Soil Fertility

Usage of organic manure

Crop Rotation

2

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

TP

Add additional tags to sticky notes to make it easier to find, remove, organize, and categorize important ideas as they're added to your board.

SOIL PARAMETERS

Types of soil

Soil Fertility

Quality of soil

CROP PARAMETERS

Crop Type

Varied Crop Growth

Crop Growth Rate

Interval between crops

Crop Diseases

Crop Rotation

Resistance of crop to disease

ENVIRONMENTAL SETUP

Environmental Condition

Monsoons that alter

Irrigation type

OTHERS

Yield prediction

Usage of organic manure

Pests and Control

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

