

Ideation Phase

Brainstorm & Idea Prioritization Template


Date	19 September 2022
Team ID	PNT2022TMID45497
Project Name	IOT based smart crop protection system for Agriculture
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.

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



Brainstorm & idea prioritization

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🕒 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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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

PROBLEM

How might we [your problem statement]?



Key rules of brainstorming

To run a 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

Ishwarya

We want to analysis the land at everytime

Analysis the land through the IOT kit

If IOT kit analysis any issues in the land,it will notify the user

Through the sensor which placed in the IOT the user will get notify

Ramvairavan

IOT kit needs network and powersupply for analysis the land

Depends upon the weather condition, The IOT kit will indimate the user to supply the water to the land

Every user have a unique user id to access it.

User will get Intimation from IOT kit, If insect affects the crops the user will put some pesticides on it

Sajith ahmed

User should have smart phone (or) device to accessing it

The user can access it at anywhere at anytime by smart phone

By using the IOT kit, user can able to check when the crop will be cultivated

Aurdino will be used for this smart crop protection system of agriculture.

Gowri

Improves the entire Agriculture system by monitoring the field in real-time

Advanced agriculture, based on Internet Of Things technologies.

The crop field with the help of sensors (light,humidity,etc)

Which involves the application of sensors and automated irrigation practices.

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

TP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your board.

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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

