

Ideation Phase


Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID26608
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.

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

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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 Skills performers 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

problem

IoT Based Smart Crop Protection System for Agriculture

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
The user writes a sticky note and then the panel switches to switching color to stick it on board.

vishnupriya.k

precision farming

carbon footprint

deteriorated quality of the soil

precision irrigation

monisha.E

install a heat source

protecting the environment

plowing

construct a cold green farm house

subanadhini.G

remote Monitoring and control

rotate crops for better yield

smart fence making, by placing buzzer alarm

smart watering system

sadhanapaul.J

getting right seeds

sowing in the right time

marketing for a good prize

harvesting at a right time

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
Ask another facilitator to add words to each cluster to help, connect, organize and categorize or merge or divide as discussed with the group.

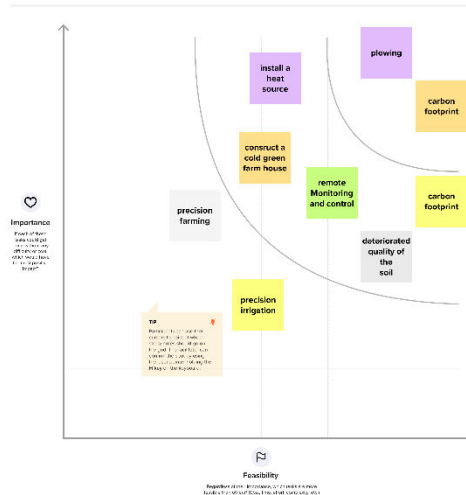
Step-3: Idea Prioritization

4

Prioritize

Your team should all be on the screen page to discuss what's important moving forward. Place your notes on the grid to determine which ideas are important and which are possible.

20 minutes



5

After you collaborate

You can export the results as a table or get the data as a CSV file. You can also share the results with your team.

Quick add-ons

- Basic data**
Basic data to the table to help you understand the data.
- Export data**
To export data to a CSV file or to a table.

Keep moving forward

- Strategy document**
Create a document to help you understand the data.
- Customer experience journey map**
Create a map to help you understand the data.
- Strengths, weaknesses, opportunities & threats**
Create a map to help you understand the data.

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