

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	18 October 2022
Team ID	PNT2022TMID04701
Project Name	Smart Farmer – IOT enabled Smart Farming Application
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

Template



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 Superpowers 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

Most of the rural areas people can't implement IoT devices because they don't know about the device uses and it is difficult to use it.


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.



Need some inspiration?

See a limited version of this template to kickstart your work.

[Open example](#) →

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
You can select a sticky note and re-arrange it to the correct position by clicking, drag to the desired position.

PRIYA DHARSHINI K

It controls various parameters on their fields

It can show the fertility of the land, so the farmer can use the required fertilizer

It will automatically monitor all the activities of field

It can be easy to use by controlling the device from home

Help the farmers for intensive agriculture

secured cloud based server created to store data

NITHISH V S

Data stored in the cloud will be useful for farmers to see the activities of the crop

It is an automation device, it can reduce the work

It can notify the problems that occur in the field

Within a minute it can alert the farmer

It can store all the data in the cloud

Saving in labor and field preparation cost

PRIYA DHARSHINI M

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 cluster leader to give a sentence-like label to the cluster, then everyone agrees on the label and the cluster is formed.

High accuracy of field encryption

To encourage digital and financial inclusivity

Saving in labor and field preparation cost

It is an automation device, it can reduce the work

It includes to increase economic impact

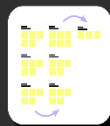
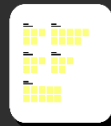
connect skilling interventions to the market

By educating them about the IoT device

Saving in labor and field preparation cost

Helps the farmers for intensive agriculture

It can notify the problems that occur in the field



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

