

## Ideation Phase

### Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID40817
Project Name	SmartFarmer - 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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>




#### 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

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**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

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**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

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### Brainstorm

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

10 minutes

#### TIP

You can select a sticky note and hit the pencil icon to switch 'can't do' to 'do' or vice versa!

#### Kesavabharathi

watering the plant on time

Maintain soil nutrients

watering needed amount of water only to the plant.

#### Vasanthkumar

If we don't know anything about farming, watch YouTube videos.

To control wastage of water use Drip Irrigation

Know the current climate and farming suitable plants

Use Natural fertilizers to get healthy food

Spraying of pesticides on time or periodically

#### Nithi GD

Make a timetable to care the plants

Use a drip irrigation to reduce the water usage

Learn the farming process step by step and do the process on each step

#### Madhavan

Easily get information about diseases affected plants

To get high yield production.

saves time and money

To maintain the water supply for plants

To produce good quality of fruits and vegetables

Save water and precious time

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### Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, 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

To control wastage of water use Drip Irrigation

watering needed amount of water only to the plant.

Make a timetable to care the plants

watering the plant on time

Spraying of pesticides on time or periodically

Maintain soil nutrients

#### TIP

Ask a volunteer to help in sticky notes to make it easier to find, break up, organize, etc. categorize important ideas as themes on the wall.

### Step-3: Idea Prioritization

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#### 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

