

**Ideation Phase**  
**Brainstorm & Idea Prioritization Template**


Date	19 September 2022
Team ID	PNT2022TMID17561
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

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

[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

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


An intelligent crop protection system helps the farmer by detecting the crop from the orbits and then which display the crop on screen and help farmer to monitor the crop and take the necessary action to protect the crop.





#### 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.



**Need some inspiration?**  
See a finished 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 hit the pencil (switch to sketch) icon to start drawing.

**Arshad Parvez G**  
Idea 1: Use a small screen to display the data.  
Idea 2: Use a small screen to display the data.  
Idea 3: Use a small screen to display the data.  
Idea 4: Use a small screen to display the data.  
Idea 5: Use a small screen to display the data.

**Kishore Kumar K**  
Idea 1: Use a small screen to display the data.  
Idea 2: Use a small screen to display the data.  
Idea 3: Use a small screen to display the data.  
Idea 4: Use a small screen to display the data.  
Idea 5: Use a small screen to display the data.

**Lavanya M**  
Idea 1: Use a small screen to display the data.  
Idea 2: Use a small screen to display the data.  
Idea 3: Use a small screen to display the data.  
Idea 4: Use a small screen to display the data.  
Idea 5: Use a small screen to display the data.

**Mathuprakas R**  
Idea 1: Use a small screen to display the data.  
Idea 2: Use a small screen to display the data.  
Idea 3: Use a small screen to display the data.  
Idea 4: Use a small screen to display the data.  
Idea 5: Use a small screen to display the data.

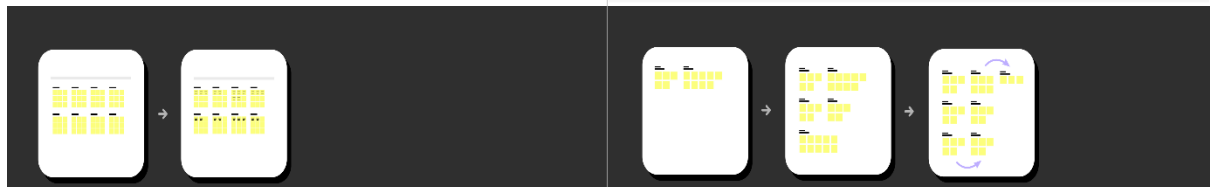
3

### 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**  
Add a sentence-like label to sticky notes to make it easier to find, browse, segment, and categorize important ideas in the notes and/or presentation.



## 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

