

# Ideation Phase


## Brainstorm & Idea Prioritization Template

Date	3 October 2022
Team ID	pNT2022TMID34110
Project Name	Smart Farmer - IoT Enabled Smart Farming Application.
Maximum Marks	4 Marks

Reference:




<https://app.mural.co/t/ashikar6064/m/ashikar6064/1664728229819/e79ac7e870edc9e4d0862f01767ec312f9c2d1c6?sender=u5be856a3f10a1a3b45335975>

### 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

[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

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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.

[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

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**PROBLEM**

Farmers need to produce more food by using less energy and water in the process.

**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

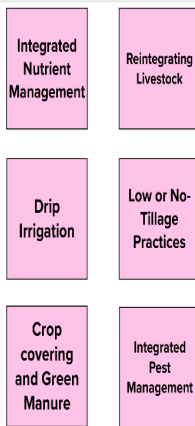
### Brainstorm

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

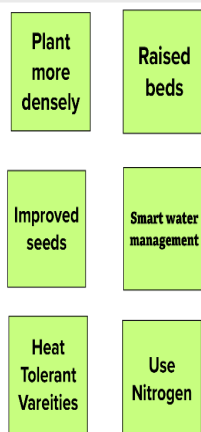
🕒 10 minutes

**TIP**  
You can select a sticky note and hit the pencil icon to switch to sketch mode (icon to start drawing)

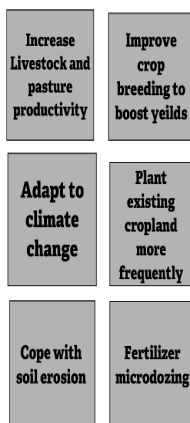
#### A.ARSHITHA



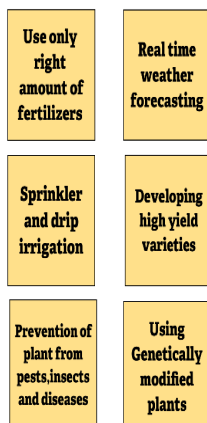
#### JANISHA.M



#### E.ABINI BREEN



#### ASHIKA.R



3

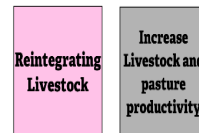
### Group ideas

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.

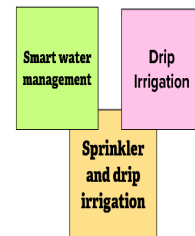
🕒 20 minutes

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

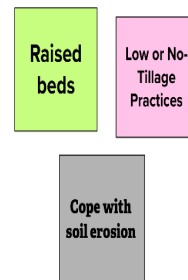
#### LIVESTOCK



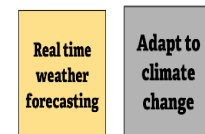
#### IRRIGATION



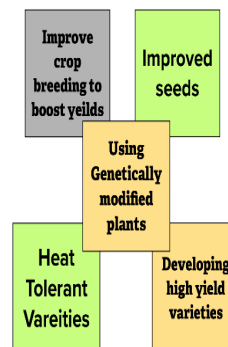
#### SOIL MANAGEMENT



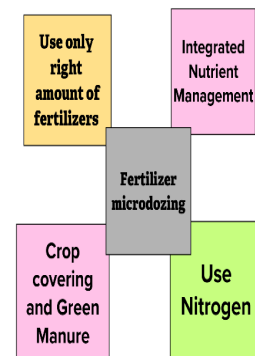
#### CLIMATE CHANGE



#### SELECTION OF YIELDS



#### FERTILIZER



### 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

#### TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

