Ideation Phase
Brainstorm & Idea Prioritization Template

Date	07 October 2022
Team ID	PNT2022TMID13531
Project Name	Smartfarmer-IOT enabled smart Farming Application
Maximum Marks	4 Marks

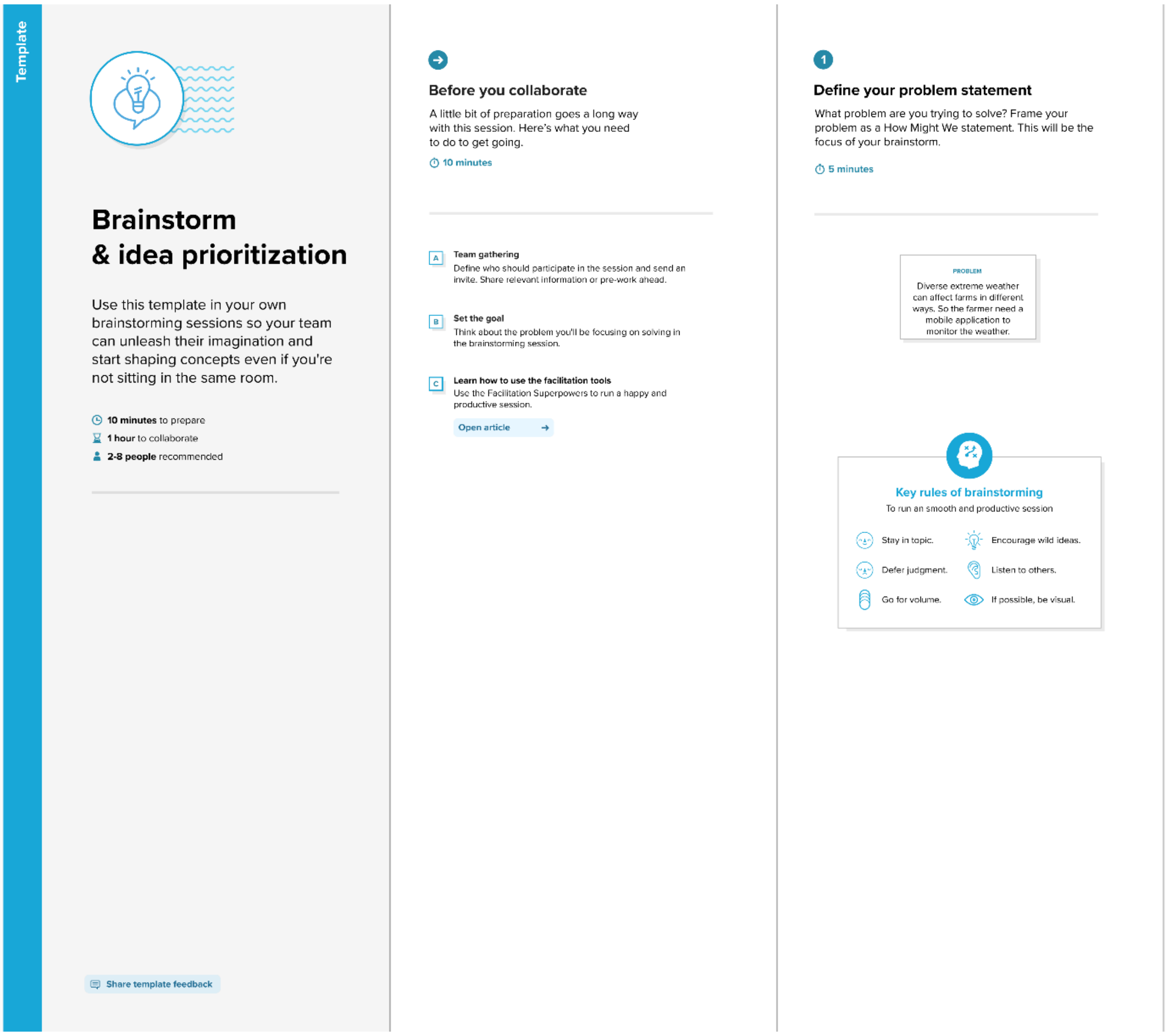
Brainstorm & Idea Prioritization Template:

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://app.mural.co/t/ramyap6168/m/ramyap6168/1665132307136/637cd2822290d09652212ce37d7c177ded4b60d3?sender=ud71137a89da724ffac3a2771

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.

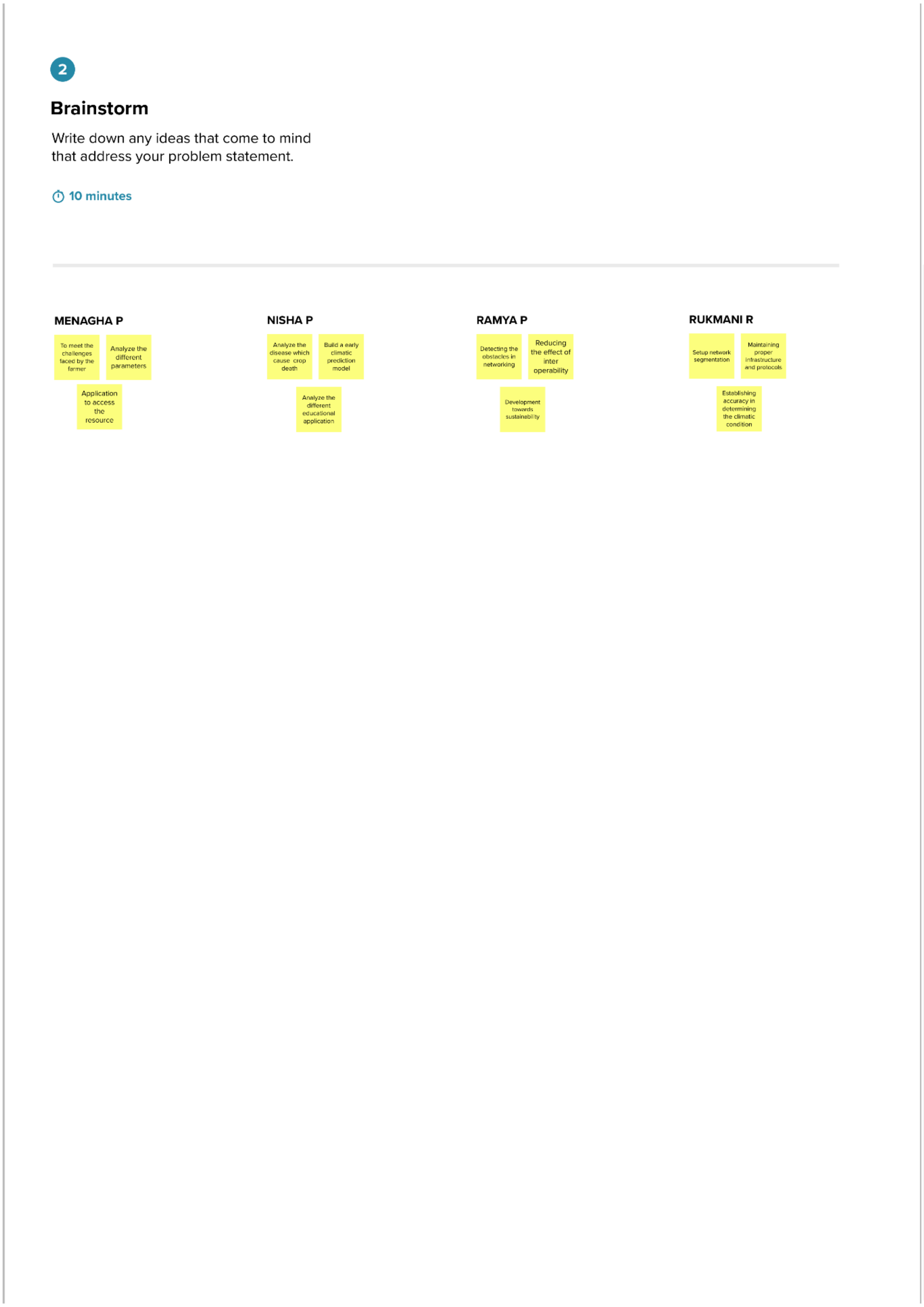
5 minutes

PROBLEM
Diverse extreme weather can affect farms in different ways. So the farmer need a mobile application to monitor the weather.

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

MENAGHA P

- To meet the challenges faced by the farmer
- Analyze the different parameters
- Application to access the resource

NISHA P

- Analyze the disease which cause crop death
- Build a early climatic prediction model
- Analyze the different educational application

RAMYA P

- Detecting the obstacles in networking
- Reducing the effect of inter operability
- Development towards sustainability

RUKMANI R

- Setup network segmentation
- Maintaining proper infrastructure and protocols
- Establishing accuracy in determining the climatic condition

Step-3: Idea Prioritization

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 and break it up into smaller sub-groups.

20 minutes

Need a mobile application to monitor the weather changes and to control the motor.

In these system, farmers are able to solve irrigation problems, temperature problems, humidity problems, etc.

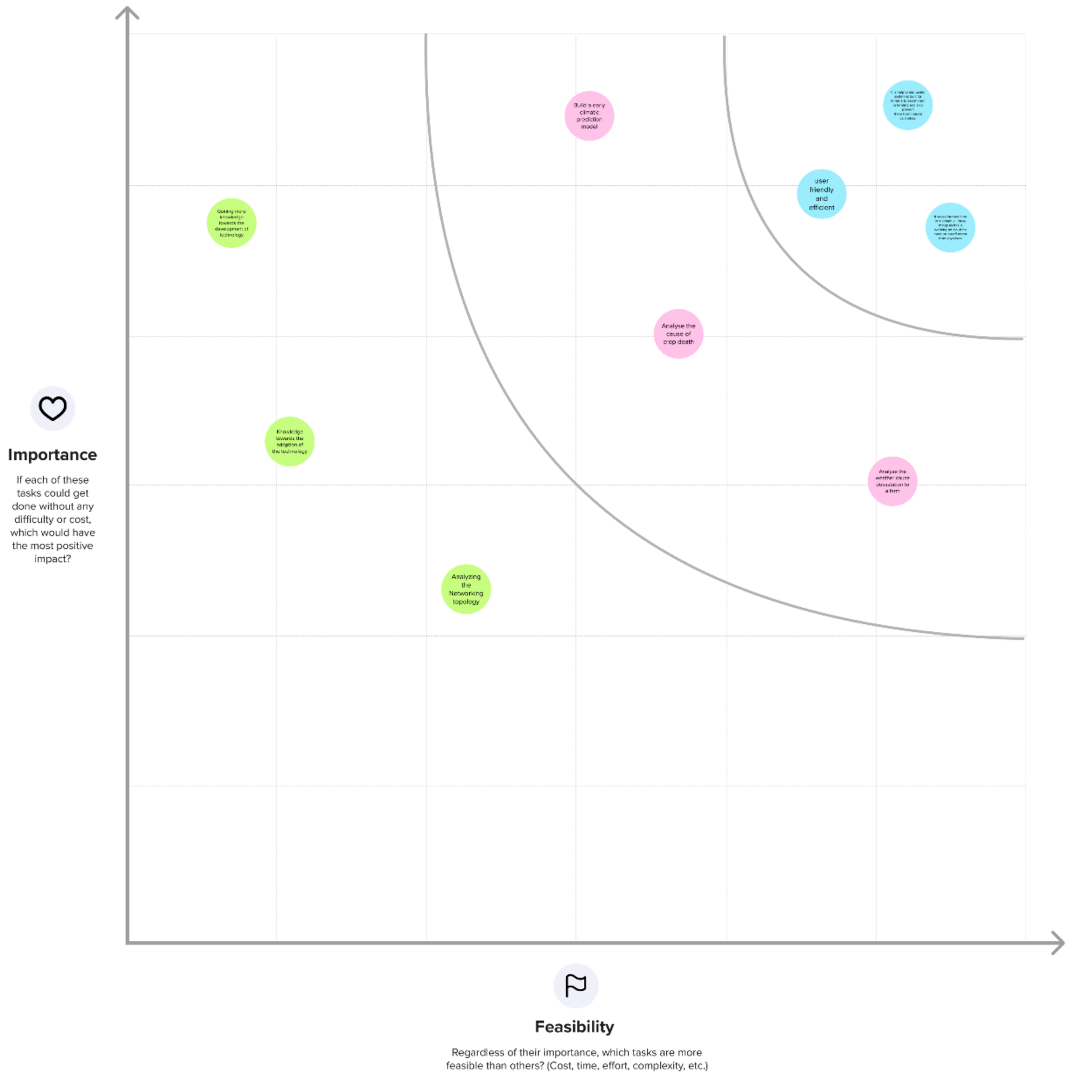
A dynamic global network infrastructure with self-configuring capabilities based on standard and interoperable communication protocols A dynamic global network infrastructure with self-configuring capabilities based on standard and interoperable communication protocols.

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


Build a early climatic prediction model
user friendly and efficient
Gaining more knowledge towards the development of technology
Analyse the cause of crop death
Knowledge towards the adoption of the technology
Analyse the weather cause devastation to a farm
Analyzing the Networking topology

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)