

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	1 October 2022
Team ID	PNT2022TMID08684
Project Name	Smart Farmer - IOT Enabled Smart Farming Application
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement

The screenshot shows the 'Brainstorm & Idea Prioritization Template' interface. At the top left is a circular icon with a lightbulb and wavy lines. Below it, the section title 'Brainstorm & idea prioritization' is displayed. A sub-instruction reads: '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.' Below this are timing and participant recommendations: '10 minutes to prepare', '1 hour to collaborate', and '2-8 people recommended'. A 'Share template feedback' button is at the bottom of this column.

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

1 Define your problem statement
During the irrigation process there is a possibility of wastage in water resources. So we implemented an IOT set up to control and monitor the water supply for crops.
⌚ 5 minutes

PROBLEM
Can we identify the water level in the crop field and it can be controlled/monitored through mobile ?

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](#)

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 simplified 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

DHIVYA S

PRODUCING
CLEAR
USER-
INTERFACE

MAINTAINING
THE
MOISTURE
LEVEL

THE QUALITY
OF THE
PRODUCT
SHOULD BE
ENSURED

BHUVANESHWARI M

SHOULD BE
EASE FOR
NAVIGATION

REFINED-
CONNECTION
ESTABLISHMENT
SHOULD BE
PROVIDED

PROPER
ALERT
SHOULD BE
GIVEN

SARANYA M

IT SHOULD
BE USER-
FRIENDLY

THE WATER
LEVEL IS
MONITORED

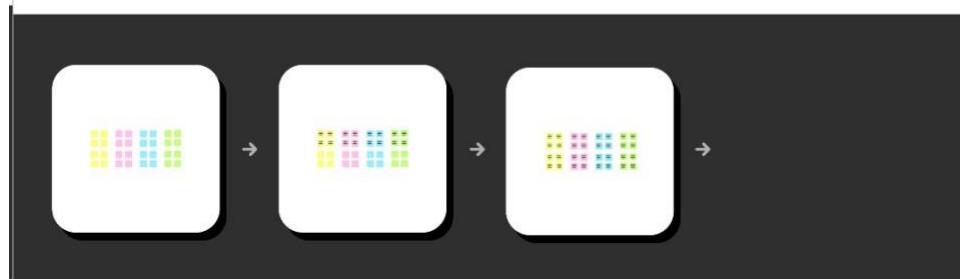
THE POWER
CONSUMPTION
IS LESS

PRIYADHARSHINI S

THE MAN
POWER IS
COMPLETELY
REDUCED

IT IS A
SMART-
DEVICE
SYSTEM

AND FINALLY
IT IS AN ECO-
FRIENDLY
SYSTEM



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

DEVELOPING
THE MOBILE
APPLICATION

CAN BE
USED IN
RURAL
AREAS

THE POWER-
SUPPLY IS
NECESSARY
FOR THE
INDICATION
PURPOSE

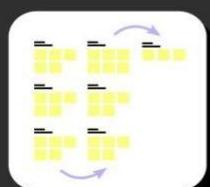
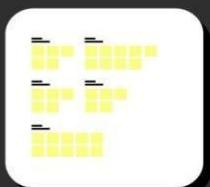
CROPS ARE
MONITORED
REGULARLY

INDICATION
SYSTEM
SHOULD
WORK
PROPERLY

FARMERS
SHOULD
SEE THEIR
OWN FIELD
VIRTUALLY

RESULTS
SHOULD BE
ACCURATE

OUTPUTS
SHOULD BE
CATEGORISED
AS PER RATIO



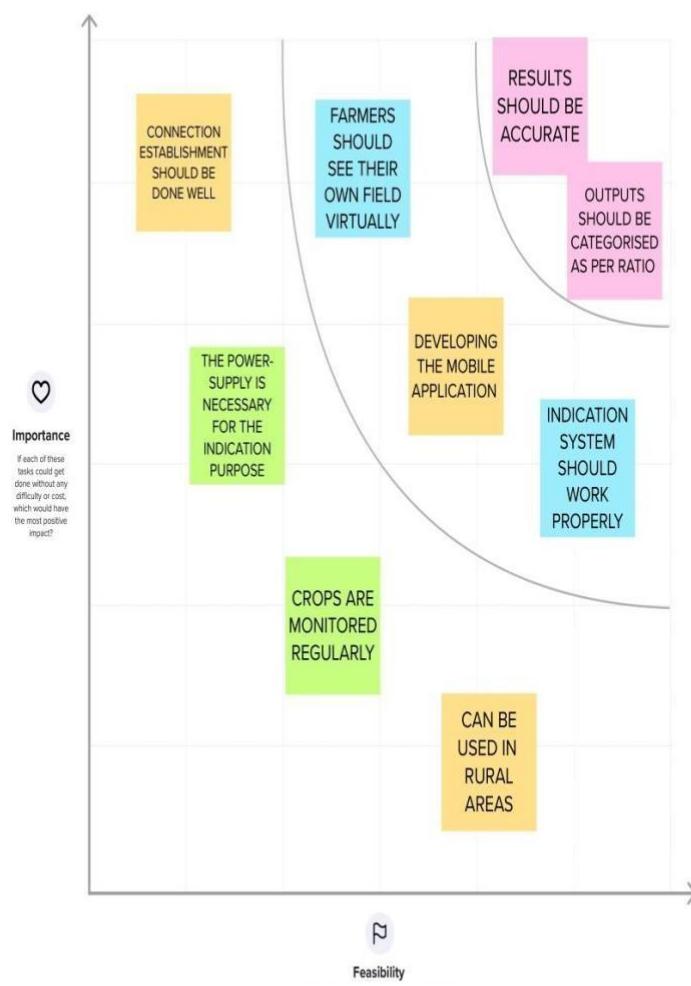
Step-3: Idea Prioritization

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



→

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

A Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B Export the mural
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
[Open the template →](#)

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
[Open the template →](#)

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
[Open the template →](#)

[Share template feedback](#)