


Ideation Phase

Brainstorm & Idea Prioritization Template

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

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

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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

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

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?



Key rules of brainstorming

To run an smooth and productive session

😊 Stay in topic.


🙊 Defer judgment.

🗣️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

👁️ 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

ABISHEK A S

PRODUCING
CLEAR
USER-
INTERFACE

MAINTAINING
THE
MOISTURE
LEVEL

THE QUALITY
OF THE
PRODUCT
SHOULD BE
ENSURED

RATNAKUMAR A

SHOULD BE
EASE FOR
NAVIGATION

REFINED-
CONNECTION
ESTABLISHMENT
SHOULD BE
PROVIDED

PROPER
ALERT
SHOULD BE
GIVEN

MOHAMED AMEEN A

IT SHOULD
BE USER-
FRIENDLY

THE WATER
LEVEL IS
MONITORED

THE POWER
CONSUMPTION
IS LESS

HARSHAVARTHAN SR

THE MAN
POWER IS
COMPLETELY
REDUCED

IT IS A
SMART-
DEVICE
SYSTEM

AND FINALLY
IT IS AN ECO-
FRIENDLY
SYSTEM

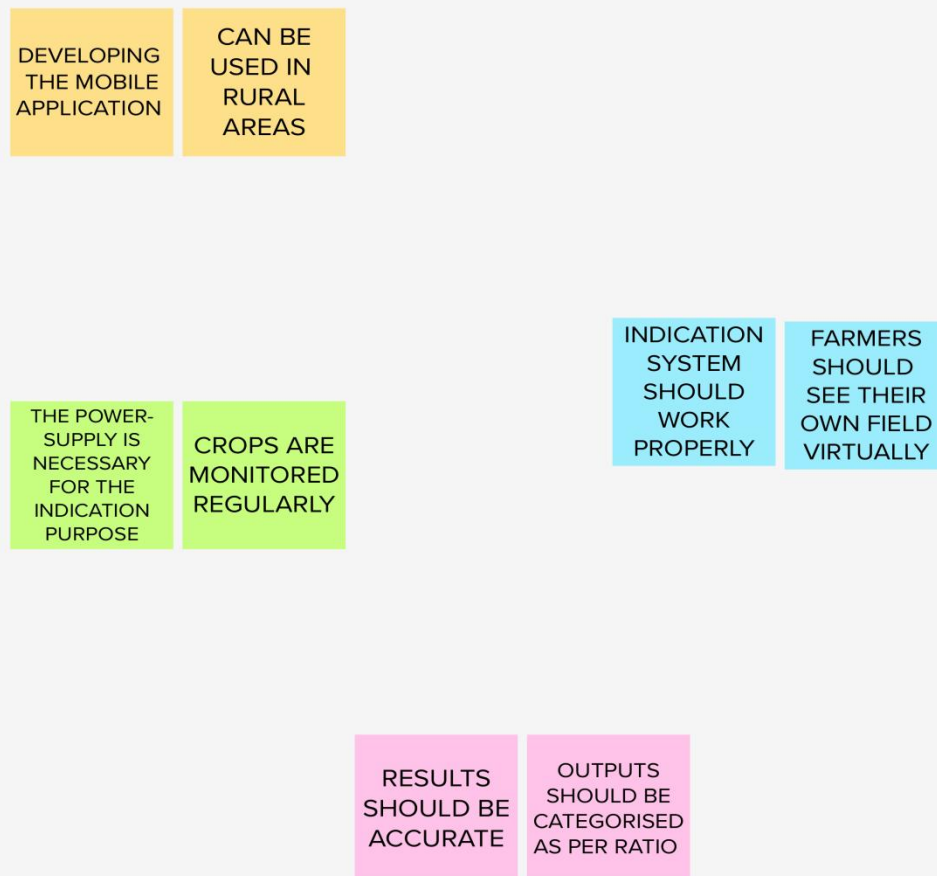


3

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



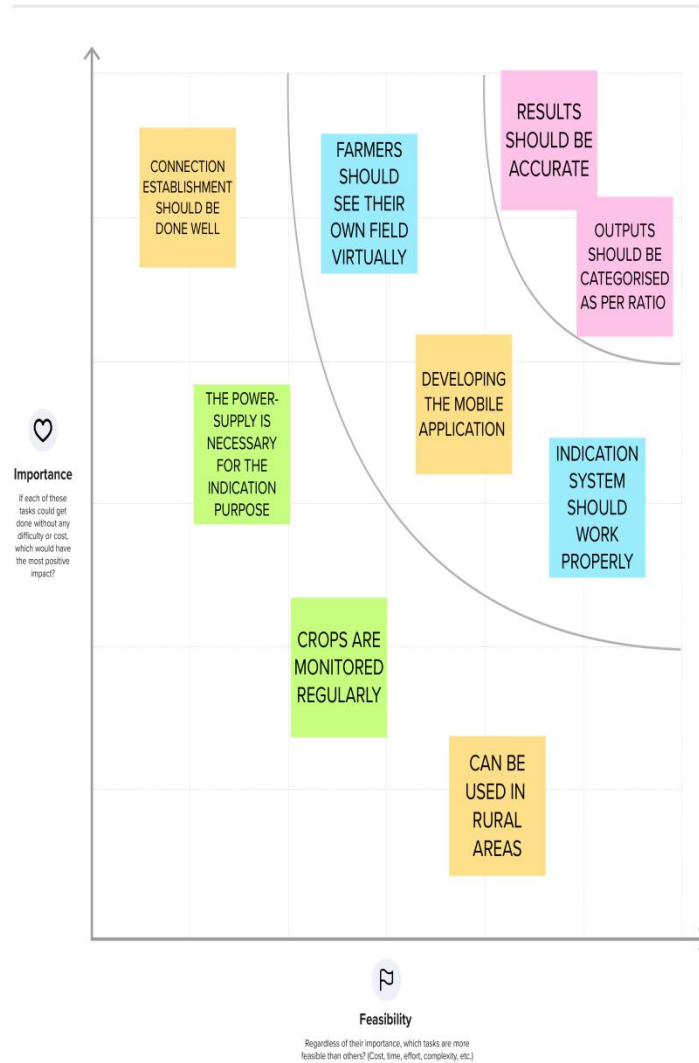
Step-3: Idea Prioritization

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



5

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 →](#)

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