# Ideation Phase Brainstorm & Idea Prioritization Template

DATE	19 September 2022
TEAM ID	SmartFarmer - IoT Enabled Smart Farming Application
PROJECT NAME	PNT2022TMID41476
MAXIMUM MARK	4 marks

## 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

## 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.

## Team gathering Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

Set the goal

Think about the problem you'll be focusing on solving in

Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and productive session.

## 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.

To make farming easier by choosing several constraints in agriculture and to overcome those constraints , to increase production quality & quantity using IOT.

## To run an smooth and productive session

Stay in topic. Deferjudgment.

If possible, be visual.

10 minutes

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



sketch] icon to start drawing!

Person 2





The main goal of my project is to use IoT in the agriculture field in order to collect data instantly soil moisture, temperature which will

help one to monitor

some environment

conditions remotely.

Nowadays Internet

of Things (IoT)

technology is one of

the fastest growing

fields in different

domains including

agriculture

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go.

In the last 10 minutes, 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.

IOT improves the quality

of our lives by bringing

many fields of activities

to make them become

handy, smart and

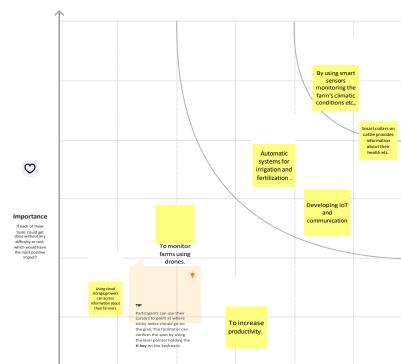
endowed by sufficient

artificial intelligence.

and fostering changes in

The present prototype is developed using arduino technology,which comprise specific sensors and wifi module that helps to collect instant data online.

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.



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Open example



Smart farming systems

know a cultural

change towards

modern agriculture

which is more

productive ,consuming

less water and even

cheaper.

Worth mentioning the

testing of this prototype

generated , highly accurate

were collecting them

emotely any environmenta

changes were detected

instantly and taking in

consideration to make

decisions.

data because while we

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







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



Define the components of a new idea or

Open the template \_



obstacles for an experience. Open the template ->



Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

Share template feedback



