



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



Need some inspiration?
See a finished version of this template to kickstart your work.
[Open example](#)



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



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 the brainstorming session.



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

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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

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



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.

2

Brainstorm

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

10 minutes

Person 1

Smart precision in farming
making water and increasing productivity
Using remote monitoring
By avoiding the usage of more pesticides

Person 3

Analysing the soil
To inform farmer about the condition of crop
Helps to plant crops according to the weather conditions analysed

Person 4

Smart farming using IoT
Smart analysis and planning
Smart soil sensor, temperature and humidity
Smart sensors and planning

Person 2

By identifying the nutrient in the soil and to choose which crop suits the best
to identify the temperature and the moisture in air
to identify the mineral contents
It involves both hardware and software

TIP
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

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

3

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 can break it up into smaller sub-groups.

20 minutes

Nowadays Internet of Things (IoT) technology is one of the fastest growing fields in different domains including agriculture

IOT improves the quality of our lives by bringing and fostering changes in many fields of activities to make them become handy, smart and endowed by sufficient artificial intelligence.

Smart farming systems know a cultural change towards modern agriculture which is more productive ,consuming less water and even cheaper.

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

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.

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

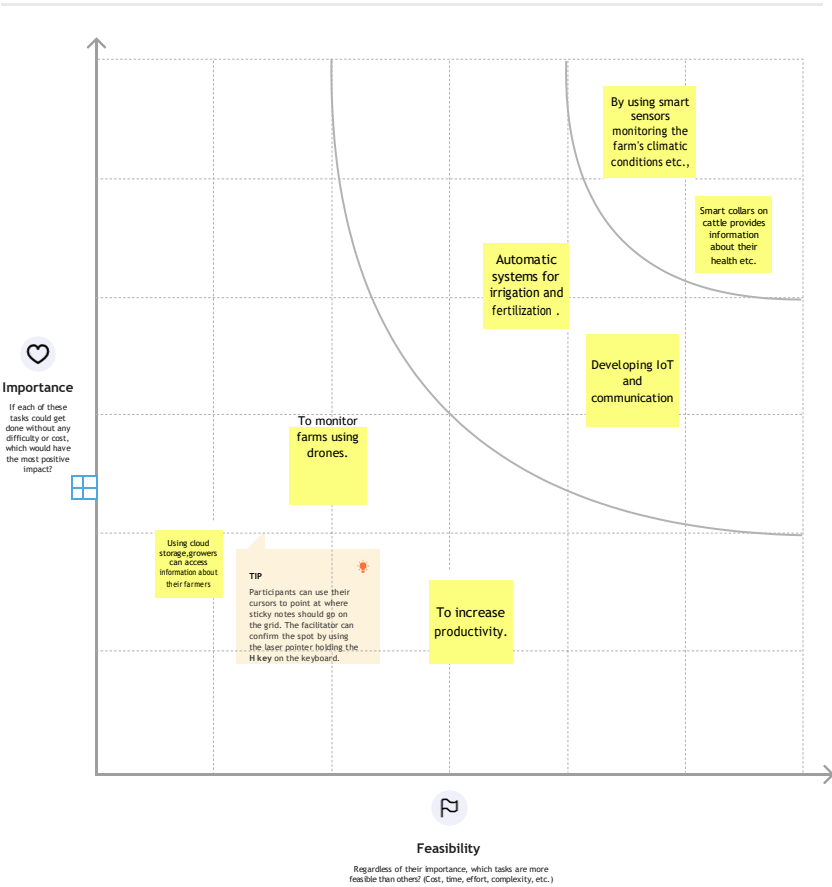
Worth mentioning the testing of this prototype generated , highly accurate data because while we were collecting them remotely any environmental changes were detected instantly and taking in consideration to make decisions.

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



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



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.
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