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

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

PROBLEM

To provide efficient decision support system using wireless sensor network which handle different activities of farm and gives useful information such as soil moisture, Temperature and Humidity content, which helps the farmer farm to produce more food and use less energy and water in the process.

Key rules of brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Listen to others.
- If possible, be visual.

2 Brainstorm

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

10 minutes

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

TEAM LEADER

IOT provide integrated platform to farmers .The use of IoT sensors enables them to get accurate real-time information

It involves the deployment of sensors and automated irrigation practices,can help monitor agriculture land,temperature and soil moisture.

Smart farming helps farmers to keep track of important factors such as water,topography,aspect,vegetation and soil types. This allows farmers to use the best of scarce resources in their production environment and manage these in an environmentally and economically sustainable

Enhanced product quality and volumes. Achieve better control over the production process and maintain higher standards of quality through automation

TEAM MEMBER 1

It can improve on time delivery of products to customers optimally and with the agility to take stage changes gain up to date visibility of all work in progress orders get more successful end product and shorten-range to delivery cycles.

Uobsors is an iot platform that helps farmers to connect all their devices and sensors (station,irrigation system,soil moisture sensor to the internet and manage them through a single dashboard.with the uobotes farmers can monitor in real

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.

Overuse of pesticides and fertilizer in agricultural fields leads to destruction of the soil, which affects the overall efficiency of the field. Increasing the soil vulnerability toward pest. IoT applications may be used to update the farmer about the proper quantity of pesticide required by the crop.

TEAM MEMBER 2

Smart farming is a management concept focused on providing the agricultural industry with the infrastructure to leverage modern technology - including big data, the cloud and the internet of things (IoT) - for tracking, monitoring, automation and analyzing operations.

The biggest challenges faced by IoT in the agricultural sector are the integration of these sensors and tying the sensors data to the cloud for driving automation and responsive activities.

IoT in agriculture uses robots, drones, sensors, artificial intelligence (AI), computer imaging combined with continuously progressing machine learning and analyticstools for monitoring crops, livestock, and mapping the fields, and providing data to farmers for rational farm

By aligning resources,energy and labor, IoT-enabled manufacturing operations can reduce inventory,identify costly production gaps , lower energy and utility waste and ensure the safety of human and critical process

TEAM MEMBER 3

One of the benefits of using IoT in agriculture is the automation of a lot of processes. Thanks to real-time monitoring and prediction systems, farmers can quickly respond to any significant change in weather, humidity, air quality as well as the health of each crop or soil in the field.

Data, tons of data, collected by smart agriculture sensors, e.g. weather conditions, soil quality, crop's growth progress or cattle's health. This data can be used to track the state of your business in general as well as staff performance, equipment efficiency, etc.

Cost management and waste reduction thanks to the optimization of resources in the production. Being able to see any anomalies in the crop growth or livestock health, you will be able to mitigate the risks of losing your yield.

.. it will automatically monitor all the activities of field analyze soil status, temperature and humidity By avoiding the usage of more pesticides using remote monitoring

Encourage wild ideas.

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

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

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

The main goal of my project is to use IoT in the agriculture field in order to help farmers to identify soil moisture, temperature which will help one to monitor some environment conditions remotely.

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

The use of IoT sensors enables them to get accurate real-time information on greenhouse conditions, such as light, temperature, soil condition, and humidity. In addition to sourcing environmental data, weather stations can automatically adjust the conditions to match the given parameters.

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

Automatic systems for irrigation and fertilization. Developing IoT and communication. To monitor farms using drones.

This application or software will suggest every time to access the whole system.High accuracy of field encryption.To encourage digital and financial inclusively.

Smart collars on cattle provides information about their health.It helps in maximizing the yields and with minimum amount of resources

It reduces the labour cost . It includes to increase economic impact.Improved and new technology will help farmers in the efficient way.It can draw the fertility of the land.So the farmer can use the required fertilizer.

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

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.)

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.
Open the template

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.
Open example