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.

🕐 **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.

Open article →

TODAY'S DISCUSSION TOPIC:

Ideas for monitoring the Animals without destroying the farm field

---

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 STATEMENT

Farmers grow their crop on field near any forests and also many animals live near the field. so that they grow better but these Animals due to their food unavailability they are destroys the agriculture field.

So, the animals for their basic needs , they destroys the field and eat all the crops in agriculture filed.

The animals are attack the field and crops are converted into a waste material . This leads to foods or grains unavailability are increases in all over the world. Due to this problem ,country loses a economic value.

---

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 [icon] to sketch on a sticky drawing!

DIVI SUSHMA
- arduino and sensor based Animals monitoring system
- prefixed values in Arduino monitors the movements of animals
- API system is used to moniter the movement of animals
- ultrasonic radiation for animal control

DHEEPAK RAJ
- identifying of movement of animals near the filed
- Computer vision API system is connected with aradino
- cloud data based microcontroller node en.used for monitoring
- GSM modules to transfer the movement of animals to mobile applications
- Wifi module network to sensor resultant data
- Creating ultrasonic radiation to control the animals without entering into the filed

DHACHAYANI
- measuring device based two cameras and image processing
- algorithm encryption and decryption data of movement of animals
- API system application for animal monitoring
- predicting the detection of animals
- wireless network based data collection
- Alerting animals movement to locals through Wi-Fi
- Physical changes and identification of crops by image processing method
- Creating rays sensor to move aways the animals from farm

DONTHIREDDY SRINIVAS REDDY
- Image recording of animals movement values in data storing method
- app developing for detecting movement of animals in crop fields
- Image based animals data to detect animal
- Humans directly come to farm field and detect the movement of animals
- Camera is used to detect animals in farm field
- Project developed using IBM watson platform
- UV Radiation to drive away the animals
- Drive away animals using fences and creating sounds
- forming mesh network using sensor to better monitoring
- predicting the movement of animals using conventional method
- UV radiation method after detection animals
- Without hurting animals , drive away the animals
- Alert detection of animals,be active move away by the humans by creating sounds
- manual checking of animals in crop field is more
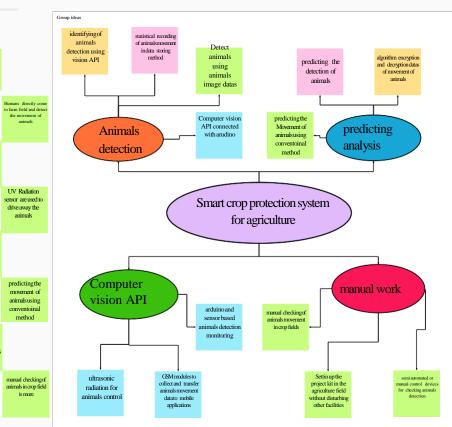
---

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**

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

Group ideas

- identifying of animals detection using vision API
- statistical recording of animals movement in data storing method
- Detect animals using animals image datas
- predicting the detection of animals
- algorithm encryption and decryption data of animals
- **Animals detection**
- Computer vision API connected with aradino
- predicting the Movement of animals using conventional method
- **predicting analysis**
- **Smart crop protection system for agriculture**
- **Computer vision API**
- arduino and sensor based animals detection monitoring
- manual checking of animals movement in crop fields
- **manual work**
- ultrasonic radiation for animals control
- GSM module to collect and transfer animals movement data to mobile applications
- Set in up the project kit in the agriculture field without disturbing other facilities
- semi automated or manual control devices for checking animals detection

---

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**

💡 **TIP**
Participants can use their cursor to point at share 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.)

Ideas on prioritization grid:
- arduino and sensor based animals detection monitoring
- app developing for detecting animals movement in crop field
- Computer vision API system to capture the image of animals
- ultrasonic radiation for animals control
- alerting animals movement to locals through Wi-Fi
- GSM module to alert the user for animal detection
- Computer vision API system for detecting movements of animals

---

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 →