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

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

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

Emerging Methods For Early Detection Of Forest Fires

Forest fires are a major environmental issue, creating economic and ecological damage while endangering human lives. There are typically about 100,000 wildfires in the United States every year. Over 9 million acres of land have been destroyed due to treacherous wildfires. It is difficult to predict and detect Forest Fire in a sparsely populated forest area and it is more difficult if the prediction is done using ground-based methods like Camera or Video-Based approach. Satellites can be an important source of data prior to and also during the Fire due to its reliability and efficiency. The various real-time forest fire detection and prediction approaches, with the goal of informing the local fire authorities.

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!

ELAKKIYA

- Based on Gaussian mixture model
- Emerging methods like LoRaWAN Sensor Networks
- Image processing
- Fire Dection Using CNN Model

MYTHILI

- Collecting Data Using Satellite Image
- Monitoring the forest Using satellites
- Implementing Ground Level Sensor for data
- Deep Learning can be used

ELAVARASİ

- Detection using wireless sensor network
- Using microwave sensor
- Using Cluster Heads to determine the GPS
- Using Optical sensor and Digital camera

KEERTHANA

- Prediction using machine learning
- Early dedection using unmaned Aerial Vechicle
- Utilising Neural network
- Using radio Acoustic Sounding system

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.

cluster A

- Early detection using unmaned Aerial vehicles
- Utilising in neural network
- Emerging method like sensor network
- Based on Gaussian Model
- Detection using wireless sensors network
- Using cluster to determine GPS

cluster B

- Fire detection using CNN model
- Based on Guassian mixture model
- Monitoring forest fire using satellite

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

Importance
If each of these tasks could get completed with the same difficulty or cost, which would have the most positive impact?

- Using clusters heads to determine the GPS
- Early detection using neural network
- Detection using wireless sensor network
- Using Radio-Sounding system
- Using optical smoke,gas and microwaves and sensor
- Prediction using machine learning
- Collecting data using drones flying over the forest

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

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

Share template feedback