



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.

Open article



Define your problem statement

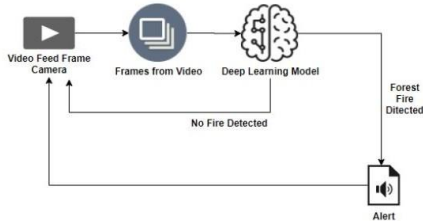
What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

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.

Technical Architecture:



Brainstorm

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

10 minutes

Boobalan

Based on Gaussian mixture model

Emerging methods like LoraWAN Sensor Networks

Image processing

Fire Dection Using CNN Model

Vimalraj

Collecting Data Using Satellite Image

Monitoring the forest Using satellites

Implementing ground level sensor for data

Deep Learning can be used

lijins

Detection using wireless sensor network

Using microwave sensor

Using cluster heads to determine the GPS

Using optical sensor and digital camera

Sakthiganesh

Prediction using machine learning

Early detection using unmaned Aerial Vehicle

Utilising Neural Network

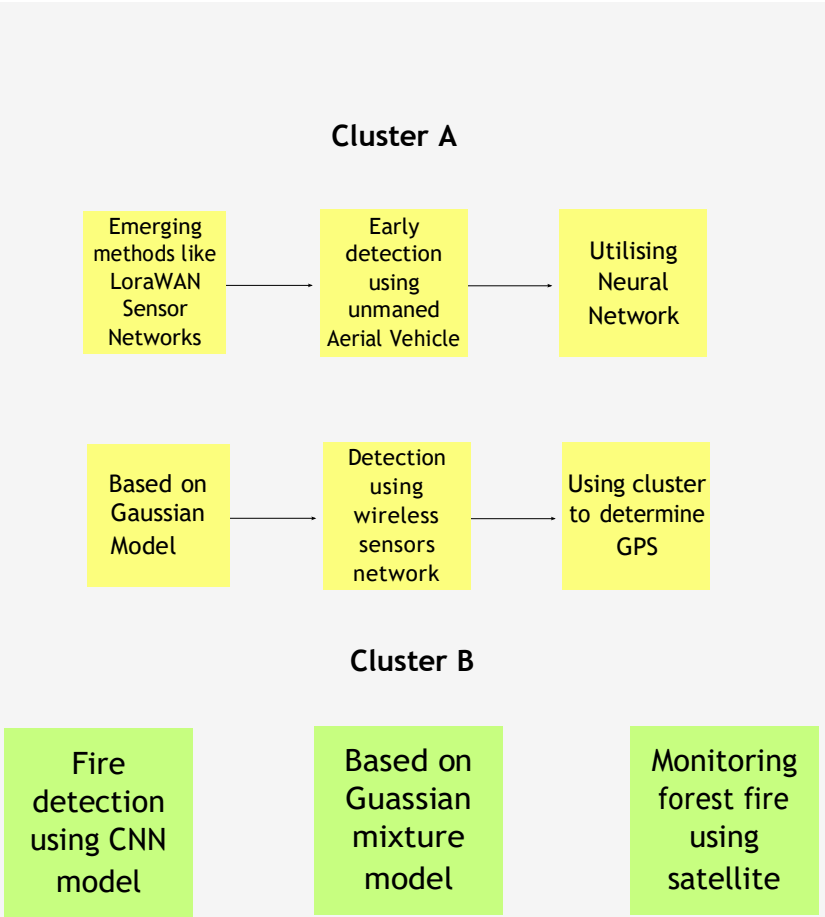
Using radio Acoustic Sounding System



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 can break it up into smaller sub-groups.

20 minutes



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

