Template

Brainstorm & idea prioritization

EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRE

Team ID: PNT2022TMID14164

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

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

How might we build a solution to predict forest fire and intimate before bigger impact?

Key rules of brainstorming

To run an smooth and productive session

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

2 Brainstorm

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

10 minutes

AMULYA V

- Monitoring weather conditions
- Prediction of core reason
- Checking manually through in-person
- Setting alarm notification
- Monitoring using satellites
- Using robots instead of humans

NAVEEN E

- Implementing automatic fire extinguisher
- Analyzing the geographical area
- Sending notification to nearest forest officials
- Monitoring using thermal cameras
- Setting sound alarms across the forest to save animals
- Using different approaches for various data collection and combines them

RAGHUL N

- Using sensors approaches
- Prediction using moisture level of sand
- Using quicker action extinguisher
- Monitoring using drones
- Solving bigger impact by aerial patrols
- Giving priority based on the higher temperature places

VIGNESHWARAN P

- Regular observation and maintenance
- Preservating by past conditions
- Using UAV for extinguishers
- Monitoring 24x7 using cameras
- Analyzing probability of the forest fire in that location
- Using Wireless approach for the system

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 and break it up into smaller sub-groups.

20 minutes

Analyzation:

- Analyzing the geographical area
- Monitoring weather conditions
- Regular observation and maintenance
- Monitoring 24x7 using cameras
- Monitoring using satellites
- Monitoring using thermal cameras
- Analyzing probability of the forest fire in that location
- Monitoring using drones

Predictioning:

- Prediction of core reason
- Prediction using moisture level of sand
- Using different approaches for various data collection and combines them
- Preservating by past conditions

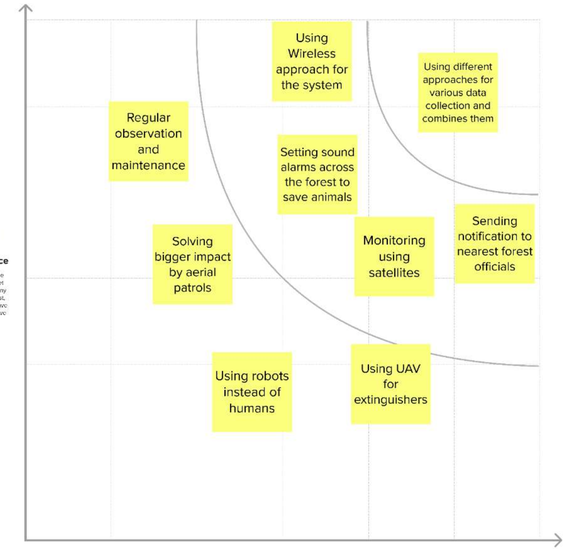
Implementations:

- Using Wireless approach for the system
- Using UAV for extinguishers
- Implementing automatic fire extinguisher
- Solving bigger impact by aerial patrols
- Setting sound alarms across the forest to save animals
- Using sensors approaches
- Giving priority based on the higher temperature places
- Using robots instead of humans
- Setting alarm notification
- Sending notification to nearest forest officials

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



Need some inspiration?

See a finished version of this template to kickstart your work.

Open example