


# Brainstorm & Idea Prioritization Template

Date	05 OCTOBER 2022
Team ID	PNT2022TMID49070
Project Name	EMERGING METHODS FOR EARLY DETECTION OF FOREST FIRE
Maximum Marks	4 Marks

## Step-1: Team Gathering, Collaboration and Select the Problem Statement

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

1

Team gathering

Define who should participate in the session and send an invite. Share relevant information or [Google](#) ahead.

2

Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

3

Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#)

4

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 prevent the forest fire by early detecting methods?

5

Key rules of brainstorming

To run an smooth and productive session

Stay in topic.

Encourage wild ideas.

Defer judgement.

Listen to others.

Go for volume.

If possible, be visual.

## Step-2: Brainstorm, Idea Listing and Grouping

### Brainstorm

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

10 minutes

**Vigneshini K B**

Detect by smoke

Detects by climate changes

Detects by flame

Detects any electrical shortage that can cause fire

**Sruthi R**

Detects by spark

Detects spark due to lightning

Detects by temperature regularly

Monitors 24/7

### 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

**By detect the forest fire,**

**Reduces the air pollution**

**Reduces the landslides, soil erosion by protecting strong rooted trees**

**No loss of life and resources**

**Reduce co2**

**No need of manual monitoring**

## Step-3: Idea Prioritization

**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**

How important is this idea? (1-10)

How important is this idea? (1-10)

**Feasibility**

How feasible is this idea? (1-10)

How feasible is this idea? (1-10)

The grid shows various ideas plotted based on importance and feasibility. A curved line separates high-priority ideas (top-left) from lower-priority ones (bottom-right).

Idea	Importance (Y-axis)	Feasibility (X-axis)
Detects spark due to lightning	High	Low
Detects by smoke	High	Low-Mid
Detects by climate changes	High	Low-Mid
Regularly removes dry leaves	High	Low
Detects any electrical shortage that can cause fire	Mid	Low-Mid
Detects by temperature regularly	Mid	Mid
Detects by spark	Mid	Mid-High
Detects by flame	Mid	High
Detects intentional acts of arson	Low	Low
detects the forest fire using CO2	Low	Mid
Checks the humidity level	Low	High

**Tip:** Participants can use their phones to point at where ideas should go on the grid. The facilitator can monitor the work by using the timer located in the top right corner of the grid.

**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 actions**

- 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](#)

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