



Brainstorm & Idea Prioritization Template

Date	18 OCTOBER 2022
Team ID	PNT2022TMID06660
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

➡

Team gathering

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

➡

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

➡

Problem

How might we prevent the forest fire by early detecting methods?

➡

Key rules of brainstorming

To run an smooth and productive session:

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

Step-2: Brainstorm, Idea Listing and Grouping

Brainstorm

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

10 minutes

TP

You can select a sticky note another group and transfer it to their board to start drawing

HARIHARAN V

Detect by smoke

Detects by climate changes

VELAN T

Detects by flame

Detects any electrical shortage that can cause fire

SANTHOSHKUMAR R

Detects by spark

Detects spark due to lightning

KAMESHKANNAN J, MUKESH M

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 can break it up into smaller sub-groups.

20 minutes

By detect the forest fire,

Reduces the air pollution

No loss of life and resources

Reduce co2

Reduces the landslides, soil erosion by protecting strong rooted trees

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

If each of these ideas could get done without any effort, which would have the most positive impact?

Feasibility

Regardless of their importance, which ideas are more feasible than others? Cost, time effort, complexity, etc.

The grid is a 5x5 matrix with 'Importance' on the vertical axis and 'Feasibility' on the horizontal axis. A curved line from the top-left to the bottom-right divides the grid into two regions. Ideas are placed in colored boxes across the grid:

- High Importance, Low Feasibility:** Detects spark due to lightning, Detects by climate changes, Detects by smoke, Regularly removes dry leaves.
- High Importance, Medium Feasibility:** Detects any electrical shortage that can cause fire, Detects by temperature regularly, Detects by spark.
- High Importance, High Feasibility:** Detects by flame, Detects intentional acts of arson, Checks the humidity level.
- Medium Importance, Low Feasibility:** Detects by climate changes.
- Medium Importance, Medium Feasibility:** Detects by temperature regularly, Detects by spark.
- Medium Importance, High Feasibility:** Checks the humidity level.
- Low Importance, Low Feasibility:** Detects intentional acts of arson.
- Low Importance, Medium Feasibility:** Detects any electrical shortage that can cause fire, detects the forest fire using CO2.
- Low Importance, High Feasibility:** Checks the humidity level.

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](#)
- [Share template feedback](#)