



Brainstorm & Idea Prioritization Template

Date	05 OCTOBER 2022
Team ID	PNT2022TMID24376
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

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➡

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 in advance.

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 helpovers 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

2

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.

Defer judgment.

Go for volume.

Encourage wild ideas.

Listen to others.

If possible, be visual.

Step-2: Brainstorm, Idea Listing and Grouping



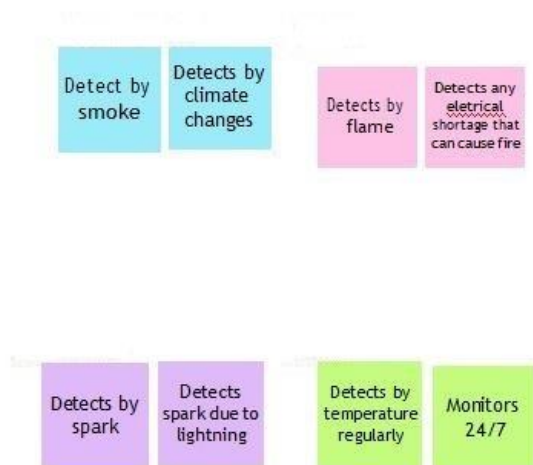
Brainstorm

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

⌚ 10 minutes

TIP

You can select a sticky note and fit the pencil (switch to 'erase') icon to start drawing.



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



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 give the most positive impact?

Feasibility

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

The grid shows various fire detection ideas plotted based on Importance (Y-axis) and Feasibility (X-axis). A curved line separates high-priority/high-feasibility ideas from lower-priority/less-feasible ones.

Idea	Importance	Feasibility
Detect by smoke	High	Medium
Detects by temperature regularly	Medium-High	Medium
Detected by spark	Medium	Medium-High
Detected by flame	Medium	High
Regularly removes dry leaves	Medium	Low
Detected any electrical shortage that can cause fire	Medium	Medium-Low
detects the forest fire using CO2	Low	Medium
Checks the humidity level	Low	High
Detected intentional acts of arson	Low	Low

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.
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