IDEATION PHASE

Brainstorm & Idea Prioritization Template

DATE	19 september 2022
Team ID	PNT2022TMID09968
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	4 marks

Brainstorm & Idea Prioritization: Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

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 prevent the forest fire by early detecting methods?

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.

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Detects by flame

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Reduces the

Detects intentional acts of arson

Powerful CCTV and HD cameras are used

IR flame detectors are used

Regularly removes dry leaves

Detects by

spark

Defects spark due to lightning

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Install and maintain the By satetlite smoke monitoring alarms

Checks the humidity level

Monitors 24/7

No loss of life and resource s

Reduces the emission of CO2 into the airduring fire

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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

Importance

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Detects spark due to lightning

Detect by smoke

Powerful CCTV and HD cameras are used

Regularly removes dry leaves

Detects by climate changes

Detects by temperature regularly

By satellite monitoring

Monitors 24/7

Detects by flame

Regularly removes dry leaves

Detects by spark

Detects any eletrical shortage that can cause fire

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

Detects intentional acts of arson

detects the forest fire using CO_2

Install and maintain the smoke alarms

Checks the humidity level

Feasibility

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