IDEATION PHASE

Brainstorm & Idea Prioritization Template

DATE	19 September 2022
Team ID	PNT2022TMID10153
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 a 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

Manchala koti veera sivareddy

Detect by smoke	Detects by climate changes
Detects intentional acts of arson	Powerful CCTV and HD cameras are used

Ramchandran M

Detects by flame	Detects any eletrical shortage that can cause fire
IR flame detectors are used	Regularly removes dry leaves

Kishor R

Detects by spark	Detects spark due to lightning
Install and maintain the smoke alarms	By satellite monitoring

Palepu janakiram

Detects by temperature regularly	detects the forest fire using CO_2
Checks the humidity level	Monitors 24/7

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

By detect the forest fire,

Reduces the air pollution

Reduces the landslides,soil erosion by protecting strong rooted trees

Reduces the risk of eradication of endngered species

No need of manual monitoring

No loss of life and resources

Reduces the emission of CO_2 into the airduring fire

⏱ 20 minutes

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 temperature regularly
- By satellite monitoring
- Monitors 24/7
- Detects by climate changes
- 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. 💡
- Install and maintain the smoke alarms
- Detects intentional acts of arson
- detects the forest fire using CO2
- Checks the humidity level

Feasibility

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

Quick add-ons

A **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B **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