

## Brainstorm and Idea Prioritization Map

Date	19 September 2022
Team ID	PNT2022TMID33679
Project Name	Emerging Methods for Early Detection of Forest Fires
Maximum Marks	4 Marks

### Brainstorm and Idea Prioritization Template:

Conceptualizing gives a free and open climate that supports everybody inside a group to partake in the imaginative reasoning cycle that prompts critical thinking. Focusing on volume over esteem, out-of-the-case thoughts are gladly received and based upon, and all members are urged to team up, helping each other foster a rich measure of clever fixes.

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



### **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 or pre-work ahead.



#### **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](#) 

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### **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

A backwoods fire sets up the potential for soil erosion to occur. Forest fires always bring death to life of humans and animals. Uncontrolled fires can cause localized air pollution. Homes can be destroyed without compensation.

This is a notebook.



#### **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.

Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

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

10 minutes

TP You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Poojari D

Develop PPT on Fuel Cells  
Use LPE technology to detect fire

Kaviya S

Use BIPV as solar window film  
Solar cell needs to detect any fault

Prithiba G

Use smart sunglasses to detect fire  
Detect fire using cameras

Prithiba N

Network of glassed windows  
Fire Suppression

Person 5

3x3 grid of yellow sticky notes

Person 6

3x3 grid of yellow sticky notes

Person 7

3x3 grid of yellow sticky notes

Person 8

3x3 grid of yellow sticky notes

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

TP Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Producing smoke with fire detectors  
Use AI to predict fireplaces  
Using painting method  
Connect images to home  
Advanced LSP algorithm  
Traditional Machine Learning

1 sticky note

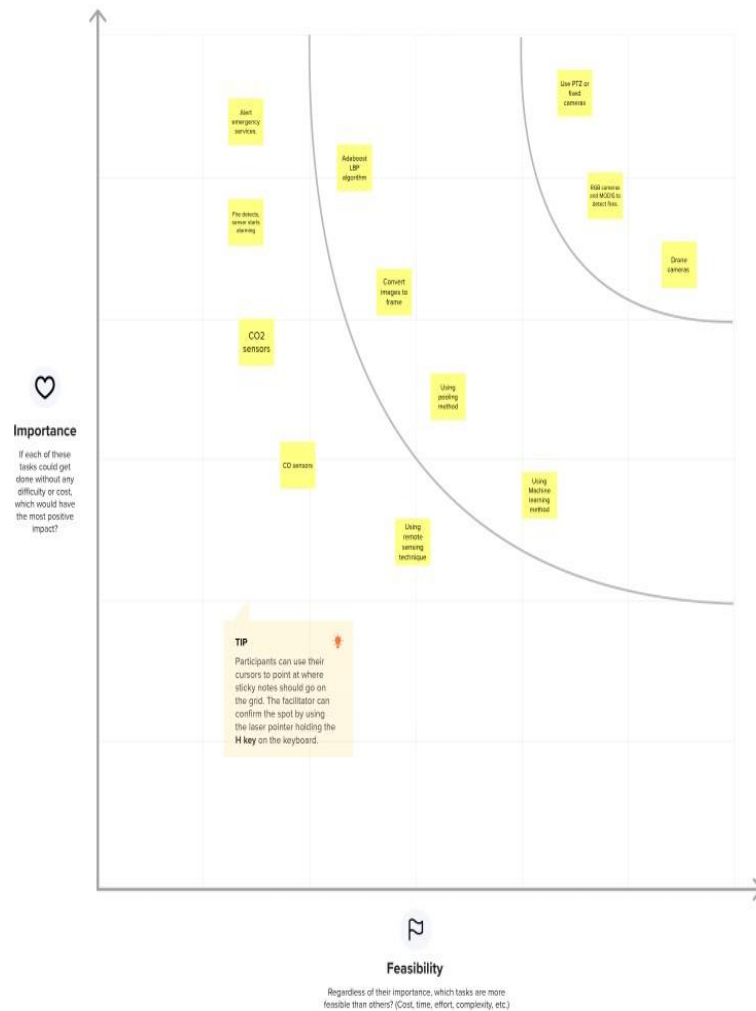
## Step-3: Idea Prioritization

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



→

### 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

- 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](#)