

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID02619
Project Name	Project - Industry – Specific Intelligent Fire Management System
Maximum Marks	4 Marks


Brainstorm & Idea Prioritization Template:

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.

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.




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




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](#) 


**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


To detect fire and gas leakage in industries using IOT and to reduce the loss of life and property by deploying IOT based fire detection system


**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

TIP

Now, can I send a sticky note with all the points I wanted to sketch (even to other drawings)?

Pranesh Boopathy

Detect fire	Send SMS
Exhaust fans	LED and smoke alarm

PraveenKumar K

IFT, 200 m	200 m
IFT, 200 m	200 m

Rupesh S

Exhaust fan	Exhaust fan
Exhaust fan	Exhaust fan

Rajagopal Narayanan

Exhaust fan	Exhaust fan
Exhaust fan	Exhaust fan

Detect Fire,
Gas and
Smoke

Exhaust Fans
and Water
Sprinklers

LED and
Smoke Alarms

FAST SMS

TIP

Add customizable tags to sticky notes to make it easier to track, browse, organize, and categorize important ideas as the task shifts from one to the next.

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

