

## Ideation Phase Brainstorm & Idea Prioritization Template

Date	12 OCTOBER 2022
Team ID	PNT2022TMID47032
Project Name	Natural disasters intensity analysis and classification using artificial intelligence
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.

Reference: <https://www.mural.co/templates/empathy-map-canvas>

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

## 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

**A Team gathering**

- Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

**8** 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

The main purpose of this model is to detect and classify the type of disaster with a high accuracy rate. To prevent natural disasters in the future, said model can be used to predict future disasters and take some action against heavy loss of human ecological systems and property.

### 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

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

### ACCURACY

It should be  
withstand  
even in the  
extreme  
weather

Multiple  
sensors  
should be  
placed for  
accuracy

### MONITORING

Frequent  
climate  
monitoring

Monitoring  
accuracy  
should be  
designed well

Early  
warning  
system

### PRECAUTION

Altering  
peoples  
before  
disaster  
occurs

Finding the  
disaster type

Monitoring  
accuracy  
should be  
designed well

Peoples can  
also view  
current  
weather data

### DATA COLLECTION

Power backup  
should be done  
better and  
monitored

Data should be  
collected and  
sent faster as  
much as  
possible

Level of  
predisaster  
management  
phase

2

## Brainstorm

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

🕒 10 minutes

**TIP**  
You can use a sketch to help you think.

### ATCHAYA



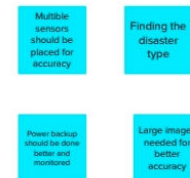
### ARSHINI



### SWATHI



### PUGAZHINI



## 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

