

# Ideation Phase

## Brainstorm&Idea Prioritization Template


Date	19 September 2022
Team ID	PNT2022TMID37822
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.

### 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

➔

#### 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

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**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.

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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

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PROBLEM

How might we [your problem statement]?



#### 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.

## 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

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

Azarudeen

inspect the number of fatalities injuries

application time can be maximized

optimize all the model with respect to environment

shaik abdullah

classifying disasters and zones prone

designing visualization lightweight

periodic classification without interruption

shamir

examining the false triggering and correcting it

triggering an alarm to alert the people

training and testing model

ameed

collecting the data and data preprocessing

examine the financial damage

evaluating the condition of vulnerabilities

sudharshan

determine the intensity level of disaster

implementing the helpline and awareness

determine the nature and extent of disaster of risk

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 can break it up into smaller sub-groups.

🕒 20 minutes

### Requirement Gathering

designing light weight application

evaluating the condition and vulnerabilities

collecting the data and statistics preprocessing

training and testing of model

### Functionalities

classifying disaster and zone prone

determine time nature and extent

triggering and alarm to alert the people

determine the intensity level of disaster

### Analysis

optimizing the model with respect to the real world

periodic forecasting without interruption

maximizing the uptime of webapp

implementing the helpline and awareness

### social effect

examining the financial damage caused by disaster

examine the false triggering and correcting it

inspect the number of fatalities

examining the number fatalities being injured

## Step-3: Idea Prioritization



