


# Ideation Phase

## Brainstorm & Idea Prioritization Template

<b>Team ID</b>	PNT2022TMID38617
<b>Project Name</b>	Natural Disasters Intensity Analysis And Classification Using Artificial Intelligence
<b>Maximum Marks</b>	4 marks

### 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

[Share template feedback](#)

**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.

[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

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**PROBLEM**

How might we work towards building a better natural disaster classification and intensity analysis system with accurate performance and protection of assets

**Key rules of brainstorming**

To run a smooth and productive session

🗨️ Stay in topic.


⏸️ Defer judgment.

🗣️ Go for volume.

💡 Encourage wild ideas.

👂 Listen to others.

🖼️ If possible, be visual.



**Need some inspiration?**

See a finished version of this template to kickstart your work.

[Open example](#) →

## Step-2: Brainstorm, Idea Listing and Grouping

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## 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!

Inspect the number of fatalities, injuries	Maximize the uptime of the application
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## h M

Optimize the AI model with respect to real world environment	Maintaining balance between Speed and Accuracy
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A

Examining the false triggering and correcting it



Determine the intensity level of the disaster

Training and testing of model

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Classifying  
disasters  
and zones  
prone to it

ar S

Designing light weight web Application	Implementing Helpline, Awareness and Threshold Actuating Systems
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Collecting the data and statistics for data preprocessing

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- Evaluating the conditions of vulnerabilities that harm the people
- Determine the nature and extent of disaster risk

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## Requirement Gathering

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graph LR
    A[Designing light weight web Application] --> B[Evaluating the conditions of vulnerabilities that harm the people]
    B --> C[Collecting the data and statistics for data preprocessing]
    C --> D[Training and testing of model]
  
```

Designing light weight web Application

Evaluating the conditions of vulnerabilities that harm the people

Collecting the data and statistics for data preprocessing

Training and testing of model

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## Functionalities

Classifying disasters and zones prone to it	Determine the nature and extent of disaster risk	Triggering an alarm to alert people	Determine the intensity level of the disaster
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## Analysis

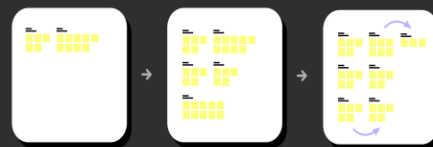
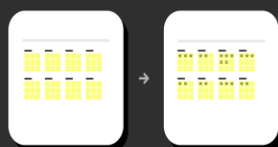
- Optimizing the AI model with respect to real world environment
- Periodic forecasting without interruption
- Maximizing the uptime of the web app service
- Implementing Helpline, Awareness and Threshold Actuating Systems

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## Social effects

Examining the financial damage caused	Examining the numbers of fatalities injuries	Examining the false triggering and correcting it	Inspect the number of of fatalities, injuries
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or



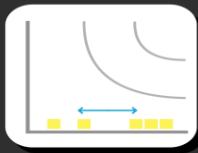
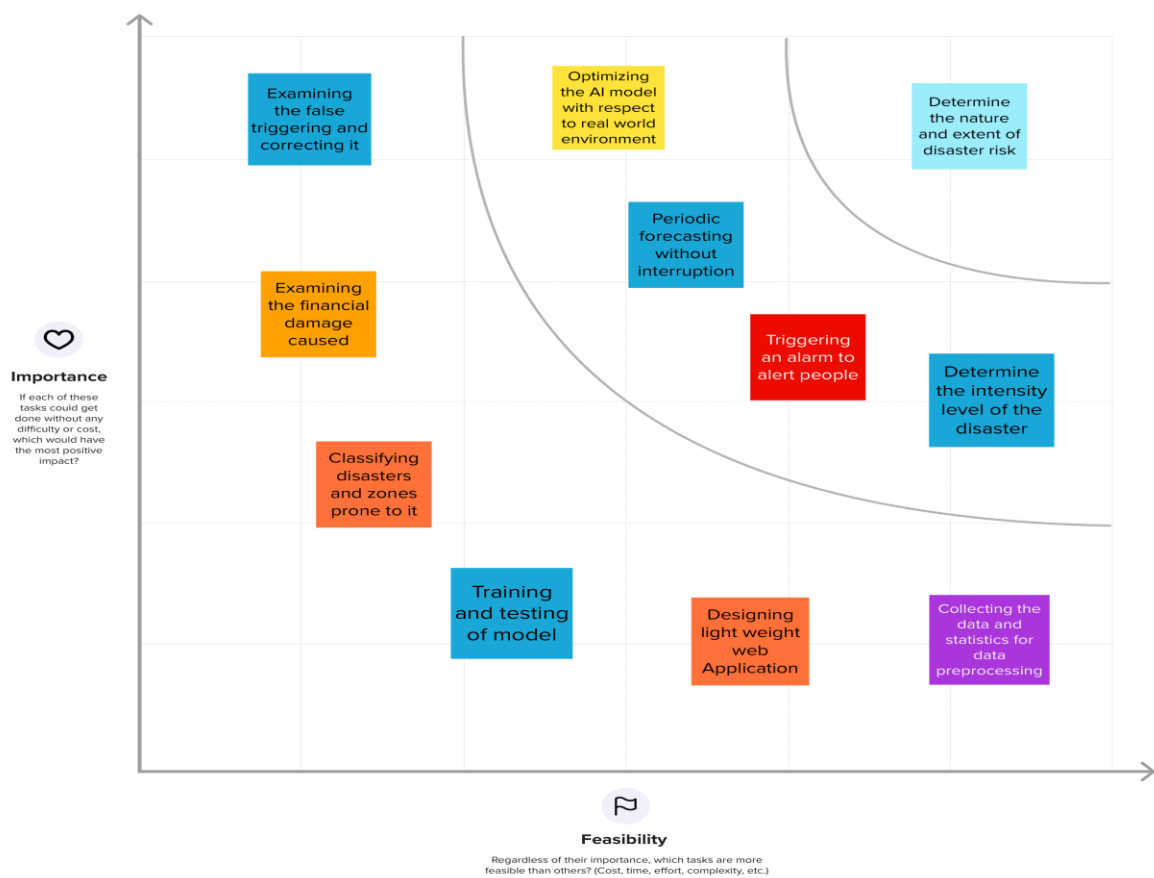
## Step-3: Idea Prioritization

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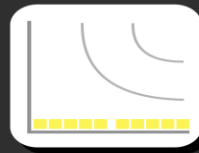
### Prioritize

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.

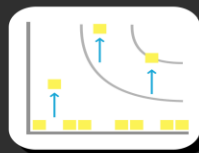
🕒 20 minutes



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