

Ideation Phase

Brainstorm & Prioritize the Idea

Date	18 October 2022
Team ID	PNT2022TMID43250
Project Name	Natural disaster intensity analysis and classification using Artificial Intelligence
Maximum Marks	4 Marks

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

- 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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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.

PROBLEM STATEMENT

1.Natural disaster creates many losses of life and structural damage. Loss of life occurs because of not having the clear view about the disaster and what will happen and what impact it creates. If we know about the intensity of disaster it helps us to prevent many life losses

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!

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

Person 1

Team lead

analyse the image processing and identify cyclone intensity

classify the disaster as hazardous according to their intensity

based on intensity of cyclone classify their levels

Person 2

M1 lead

Based on the intensity classify them as cyclone,turnados and hurricane.

control the forest fire using automates drone containing chemicals

based on climatic conditions classify the seasoned cyclone.

Person 3

M2 lead

to intimate the areas which are present at the high intensity of cyclone

to intimate the people to not go out of the house where the intensity is high

Person 4

M3 lead

identify disaster between distraction level high to low

based on intensity classify the disaster in to many sub formation

Based on the intensity classify them as cyclone,turnados and hurricane.

analyse the image processing and identify cyclone intensity

based on intensity of cyclone classify their levels

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

