


## Ideation Phase

### Brainstorm & Idea Prioritization Template




Date	19 October 2022
Team ID	PNT2022TMID51618
Project Name	Natural Disasters Intensity and 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  
 2-5 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

**A Team gathering**

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

**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 articles](#)

**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


**WORKING**


How might we [your problem statement]?


**Key rules of brainstorming**


To run an smooth and productive session


 Stay on topic

 Encourage wild ideas

 Defer judgment

 Listen to others

 Go for volume

 If possible, be visual

## 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 reposition it to the panel (just to clarify your own thinking)

KAVVYA V

SMART DEEP LEARNING TECHNIQUES CAN BE APPLIED  
MULTILAYERED DEEP CONVOLUTIONAL NEURAL NETWORK  
NATURAL LANGUAGE PROCESSING AND CLASSIFICATION  
TEXT MINING TECHNIQUES

HARINI V

MACHINE LEARNING TECHNIQUES TO PREDICT THE LAND SLIDING  
CLUSTERING FOR MULTI VARIABLE TIME SERIES  
SUPPORT VECTOR MACHINES TO PREDICT THE LAND SLIDING  
MACHINE LEARNING TECHNIQUES TO PREDICT THE LAND SLIDING

INDHUMATHI A

ARTIFICIAL NEURAL NETWORK FOR SEGMENTATION  
ANN USED FOR PREDICTABLE FACTORS LOCATION AT DIFFERENT LEVEL  
CNN BLOCK-1 DETECTION PROCESS  
BLOCK-2 PREDICT THE TYPE OF NATURAL DISASTER WITH INTENSITY

SATHISH H

REGULAR LOG MINING TECHNIQUE  
DIRECT IMPROVEMENT WITH PRE-AD ACCURACY AND BIOLOGICAL AND DATA  
RANDOM FOREST LONG SHORT TERM MODEL  
TO EVALUATE THE FLOOD SEVERITY IN TERMS OF SENSITIVITY, ACCURACY

SONIYA A

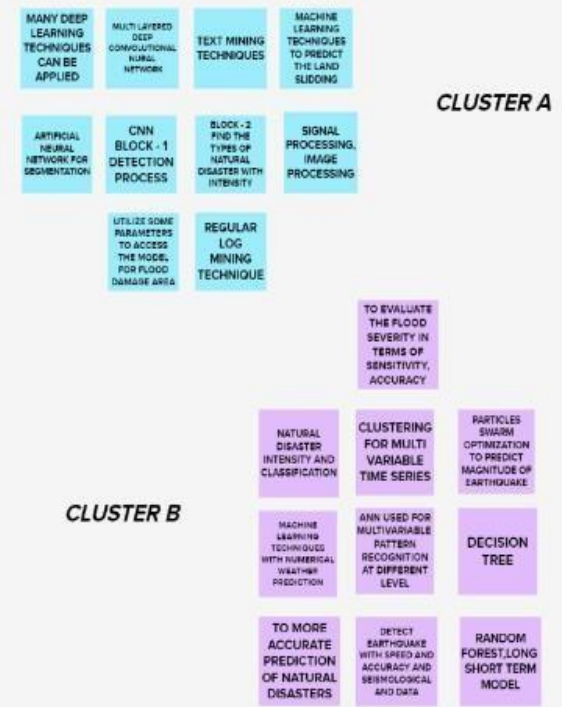
SIGNAL PROCESSING, IMAGE PROCESSING  
TO MORE ACCURATE PREDICTION OF NATURAL DISASTERS  
DECISION TREE  
UTILIZE SOME PARAMETERS TO ACCESS THE FLOOD DAMAGE AREA

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.

30 minutes



### 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

