


Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	PNT2022TMID30264
Project Name	Natural disasters intensity and analysis
Maximum Marks	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](#)
[2-5 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 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](#) →




Define your problem statement

What problem are you trying to solve? Frame your problem as a 1-hour Might-We statement. This will be the focus of your brainstorm.

[5 minutes](#)


Exercise


How might we (your problem statement)?





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

2

Brainstorm

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

19 minutes

TIP
You can select a sticky note and hit the pencil (linker) to quickly start to edit drawing!

KAVVYA V

MANY DEEP LEARNING TECHNIQUES CAN BE APPLIED
MULTILAYERED DEEP CONVOLUTIONAL NEURAL NETWORK
NATURAL INTENSITY AND CLASSIFICATION
TEXT MINING TECHNIQUES

HARINI V

MACHINE LEARNING TECHNIQUES TO PREDICT THE LAND SLIDING
CLUSTERING FOR MULTI VARIABLE TIME SERIES
PARTICLES SWARM OPTIMIZATION TO PREDICT MAGNITUDE OF EARTHQUAKE
MACHINE LEARNING TECHNIQUES WITH NUMERICAL WEATHER PREDICTION

INDHUMATHI A

ARTIFICIAL NEURAL NETWORK FOR SEGMENTATION
ANN USED FOR MULTIVARIABLE PATTERN RECOGNITION AT DIFFERENT LEVELS
CNN BLOCK - 1 DETECTION PROCESS
BLOCK - 2 FIND THE TYPES OF NATURAL DISASTERS WITH INTENSITY

SATHISH H

REGULAR LOG MINING TECHNIQUE
TO DETECT EARTHQUAKE WITH SPEED AND ACCURACY AND SEISMOLOGICAL 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 MODEL AND PREDICT 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.

20 minutes

CLUSTER A

MANY DEEP LEARNING TECHNIQUES CAN BE APPLIED
MULTILAYERED DEEP CONVOLUTIONAL NEURAL NETWORK
TEXT MINING TECHNIQUES
MACHINE LEARNING TECHNIQUES TO PREDICT THE LAND SLIDING
ARTIFICIAL NEURAL NETWORK FOR SEGMENTATION
CNN BLOCK - 1 DETECTION PROCESS
BLOCK - 2 FIND THE TYPES OF NATURAL DISASTERS WITH INTENSITY
SIGNAL PROCESSING, IMAGE PROCESSING
UTILIZE SOME PARAMETERS TO ACCESS THE MODEL FOR FLOOD DAMAGE AREA
REGULAR LOG MINING TECHNIQUE

CLUSTER B

TO EVALUATE THE FLOOD SEVERITY IN TERMS OF SENSITIVITY, ACCURACY
NATURAL DISASTER INTENSITY AND CLASSIFICATION
CLUSTERING FOR MULTI VARIABLE TIME SERIES
PARTICLES SWARM OPTIMIZATION TO PREDICT MAGNITUDE OF EARTHQUAKE
MACHINE LEARNING TECHNIQUES WITH NUMERICAL WEATHER PREDICTION
ANN USED FOR MULTIVARIABLE PATTERN RECOGNITION AT DIFFERENT LEVEL
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RANDOM FOREST LONG SHORT TERM MODEL

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

