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

Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

Open article →

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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

PROBLEM
How might we [your problem statement]?

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

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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!

Dharunraj

- CNN model is used to extract flood images from raw images, flood color filters are used to refine the desired detection.
- Huge amount of dataset is needed for training.
- AI can predict four types of natural disasters, including: Earthquakes.
- Naturally occuring events that cause problems to environment.
- Disasters like earthquake, flood, Wildfire are classify using this model.
- Natural disasters affect the ecosystem.
- To reduce the effects, a webpage is designed.
- Detect and classify the type of disaster with high accuracy rate.

Pranesh

- Live image data are taken for classification.
- The forecasting of extreme events and the development of hazard maps to the detection.
- Live images can be capturing using webcam and then tested.
- To carry out disaster analysis, twitter were used, where people share their views.
- With the help of neural network, it is possible to predict floods and save masses from disaster.
- Deep Learning techniques have been applied.
- A natural disaster can causes loss of life and property.
- Large images are needed for better accuracy.

Surya

- AI can help response teams understand natural hazards, monitor events in real time.
- The proposed system's efficiency and accuracy were tested on several datasets and it outperformed other methods to give the highest results.
- Reduce the loss of life.
- Many lives have been affected due to the natural disaster.
- Natural hazards can also be provoked or affected by anthropogenic factors.
- Developed using deep learning techniques like multilayered deep convolution neural network.
- Work with open CV.
- Done by using Deep Learning Techniques like CNN.

Purushothaman

- A model to predict cyclone, earthquake, wildfire, flood has been proposed.
- Necessary for the earlier classification.
- Classifies based on image.
- To Classify the natural disasters.
- In particular (ML is playing an increasingly important role in disaster risk reduction.
- It classifies the natural disaster based on the image.
- AI to detect extreme events such as earthquakes.
- CNN based simple feature extraction with a modest single deconvolution (DFFRNN GEs based proposed approach helps develop a real time file monitoring system.

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③ Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, 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

TIP Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Technical Aspects

- Create a user friendly GUI that helps classify the natural disaster.
- A large dataset is needed for the accurate model.

Social Impacts

- Earlier precaution measures.
- Reduce the loss of life.

Availability of Resources

- Image data needed for classification.
- Enormous data is needed for the image data.

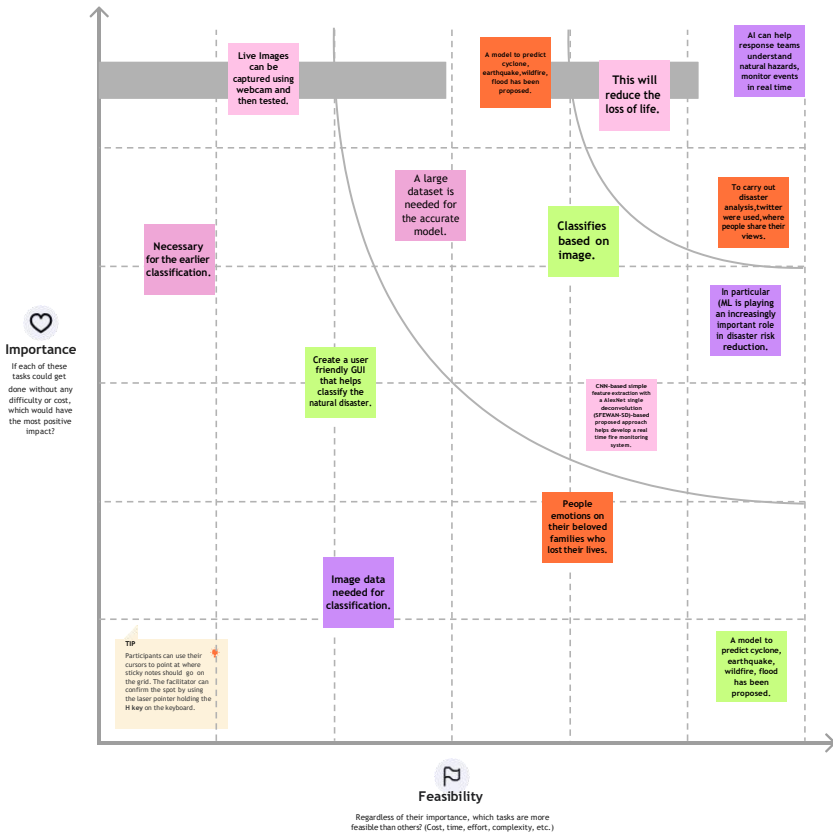## People Emotions

- People emotions on drastic disasters.
- People emotions on their beloved families who lost their lives.

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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

♡ **Importance**
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

- Live images can be captured using webcam and then tested.
- A model to predict cyclone, earthquake, wildfire, flood has been proposed.
- This will reduce the loss of life.
- AI can help response teams understand natural hazards, monitor events in real time.
- Necessary for the earlier classification.
- A large dataset is needed for the accurate model.
- Classifies based on image.
- To carry out disaster analysis, twitter were used, where people share their views.
- Create a user friendly GUI that helps classify the natural disaster.
- In particular (ML is playing an increasingly important role in disaster risk reduction.
- CNN based simple feature extraction with a modest single deconvolution (DFFRNN GEs based proposed approach helps develop a real time file monitoring system.
- People emotions on their beloved families who lost their lives.
- Image data needed for classification.
- A model to predict cyclone, earthquake, wildfire, flood has been proposed.

TIP Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the H key on the keyboard.

⚑ **Feasibility**
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

Export the mural
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →

Share template feedback