

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	19 September 2022
Team ID	B5-5M1E
Project Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

Step-1: Team Gathering, Collaboration and Select the Problem Statement



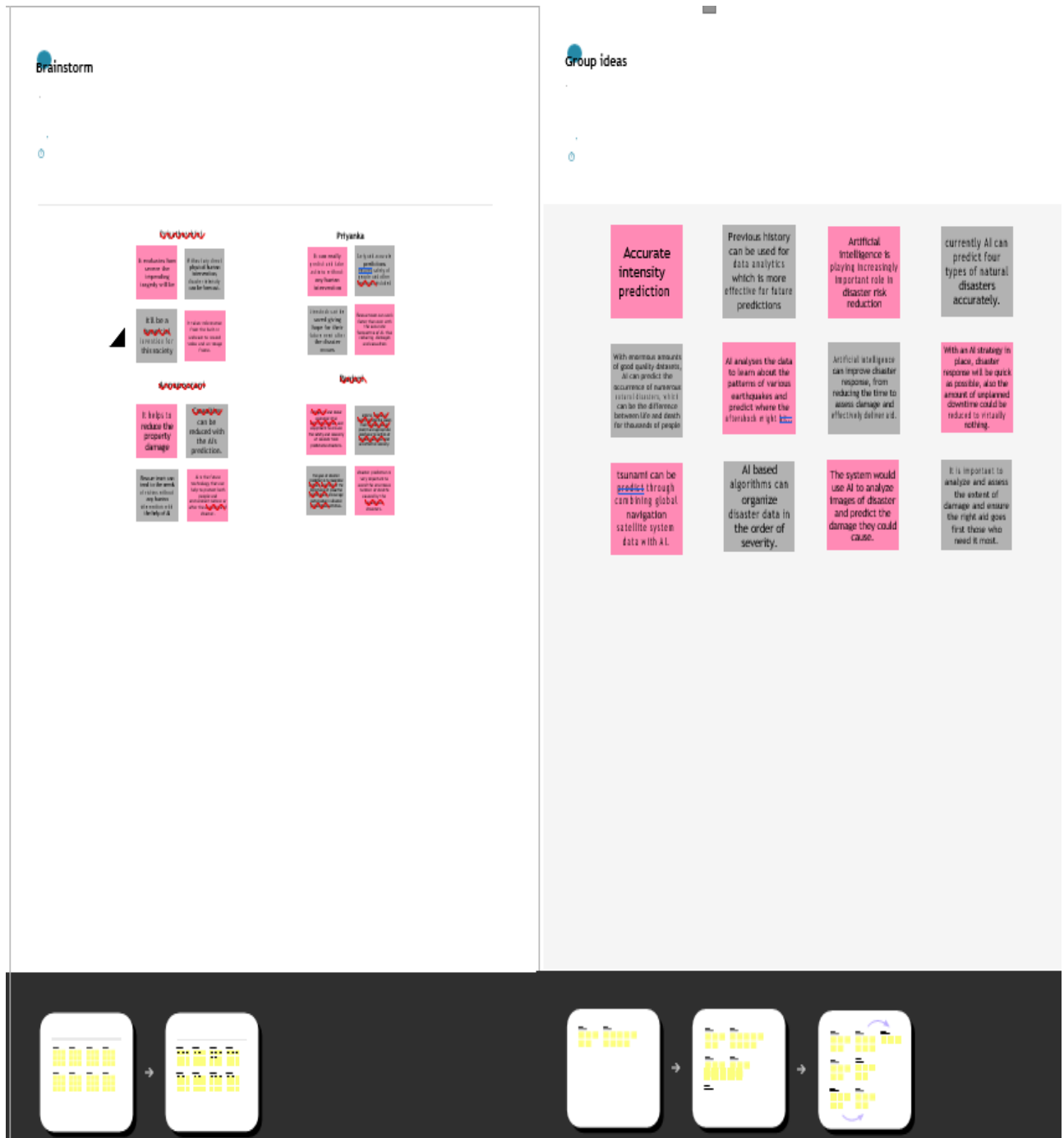
Problem Statement

Natural catastrophes not only disrupt the ecology that supports human life, but they also obliterate vital facilities and properties in human society, changing the ecosystem permanently. Natural occurrences like earthquakes, ~~cyclones~~, floods, and wildfires can bring disaster. To mitigate ecological losses from natural disasters, several deep learning approaches have been used by numerous researchers. However, identification of natural disasters still has difficulties because of the complex and unbalanced image structures. In order to address this issue, we created a multilayered deep convolutional neural network model that detects natural disasters and estimates their intensity.

Key rules for 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.

Step-2: Brainstorm, Idea Listing and Grouping



Step-3: Idea Prioritization

Prioritize

