

Ideation Phase

Brainstorm & Idea Prioritization Template

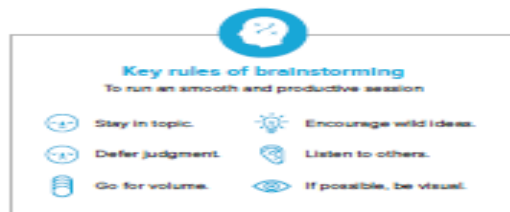
Date	19 September 2022
Team ID	B5-5M1E
Project Name	Natural Disasters Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

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

1

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.



Step-2: Brainstorm, Idea Listing and Grouping

2

Brainstorm

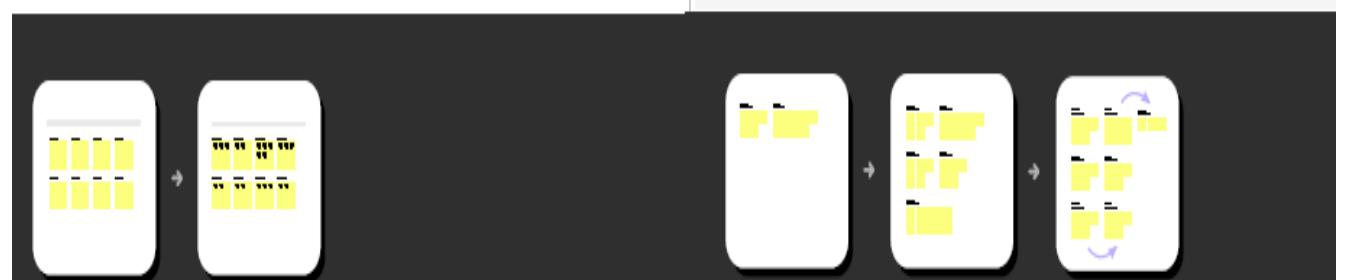
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3

Group ideas

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Step-3: Idea Prioritization

4

Prioritize

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