

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	29 April 2023
Team ID	NM2023TMID16615
Project Name	Automated Weather Classification using Transfer Learning – Artificial Intelligence
Maximum Marks	4 Marks

Automated Weather Classification using Transfer Learning:

Based on the Literature Survey, the approach to building an Automated Weather Classification system using Transfer Learning involves data collection and pre-processing, model selection, feature extraction, training and evaluation, deployment, and continuous improvement.

The System should be user-friendly, scalable, and maintainable, and updated regularly with the latest weather data and improved models to ensure accurate classifications.

Brainstorm & Idea Prioritization:

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
👤 3-8 people recommended

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Team gathering

1. Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
2. Set the goal. Think about the problem you're focusing on solving in the brainstorming session.
3. Learn how to use the facilitation tools. Use the Facilitation Superpowers to run a happy and productive session.

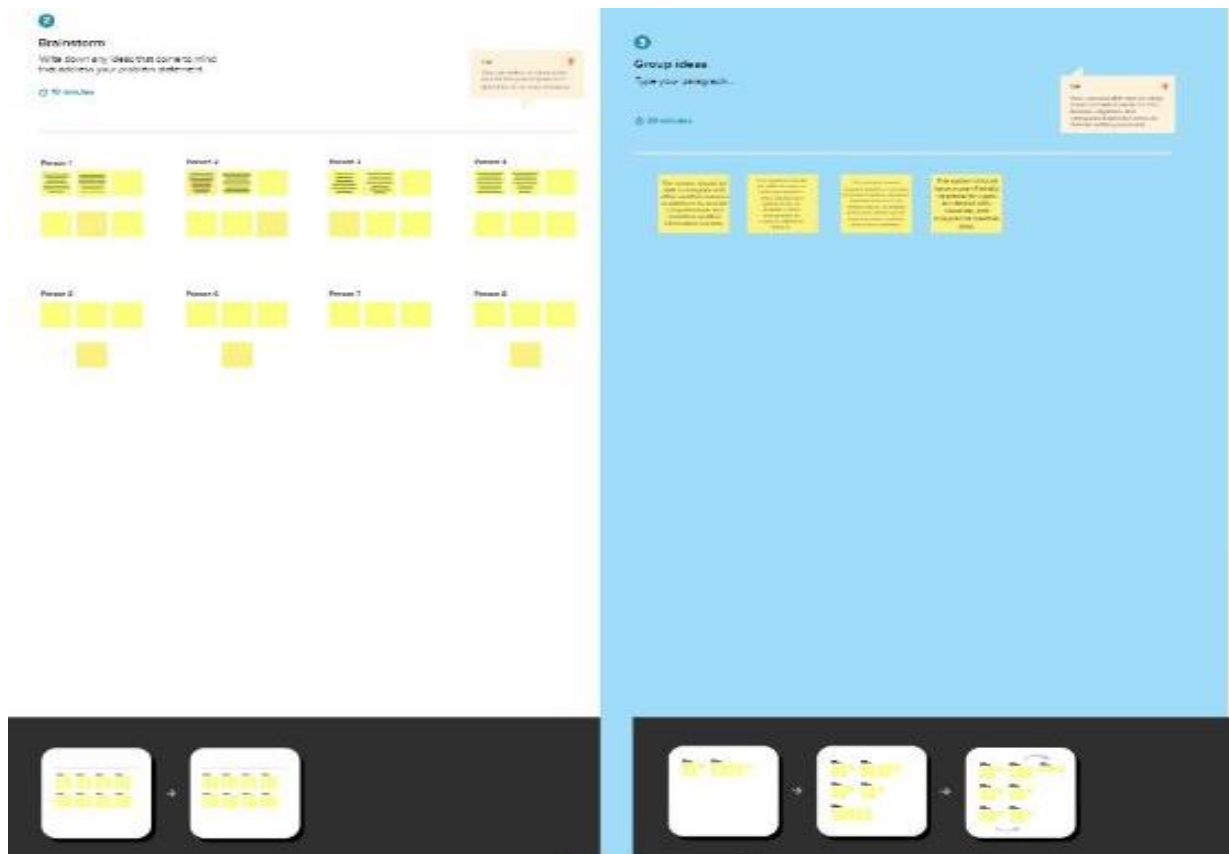
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Key rules of brainstorming

To run an awesome and productive session

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

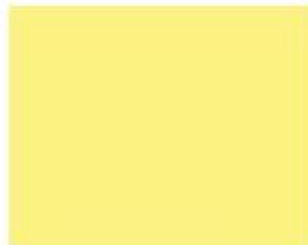
Step-2: Brainstorm, Idea Listing and Grouping



Person 1

The system should be able to accurately detect weather conditions such as rainfall, snowfall, wind speed, humidity, and temperature.

The system should be able to integrate with other weather services or platforms to provide comprehensive and seamless weather information to users.



Person 2

The system should have an alert system that notifies users of potential weather hazards, such as thunderstorms, tornadoes, and hurricanes.

The system should have a user-friendly interface that allows users to view weather information in a clear and concise manner. This may involve using visualizations such as maps, graphs, and charts to display weather data.



Person 3

The system should be scalable to handle a large volume of data and users.

The system would need to process the collected data using algorithms to analyze and classify weather patterns.



Person 4

The system should be adaptable to changing weather conditions and be able to adjust its predictions and alerts accordingly.

The system would need a way to collect and store the data from the sensors in a centralized location.



Group ideas

Type your paragraph...

🕒 20 minutes

The system should be able to integrate with other weather services or platforms to provide comprehensive and seamless weather information to users.

The system should be able to cover a wide geographic area, ideally at a global level, to provide useful information to users in different regions.

The project would require weather sensors to detect various weather parameters such as temperature, humidity, pressure, wind speed and direction, rainfall, and solar radiation.

The system should have a user-friendly interface for users to interact with, visualize, and analyze the weather data.

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.

30 minutes

For: Participants use their creativity and ideas to place their ideas on the grid. The facilitator provides feedback on the ideas placed on the grid.

Against: No feedback.

Importance

Feasibility

Tip: You can use this grid to prioritize ideas that are important and feasible.

5 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 shared ideas to help your team keep track of the progress of the ideas.
- Export the mural**
Export a copy of the mural as a pdf or image to share with your team, or to use in a presentation.

Keep moving forward

- Strategy outcomes**
Collaborate on a strategy or vision for the company.
- Customer experience journey map**
Understand customer needs, expectations, and identify areas for improvement.
- Branding, messaging, opportunities & threats**
Identify the strengths, weaknesses, opportunities, and threats of the company.

Track template feedback

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