

# Ideation Phase

## Brainstorm & Idea Prioritization Template

Date	01-11-2022
Team ID	PNT2022TMID42592
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

### Brainstorm & Idea Prioritization Template:

Reference:

<https://app.mural.co/t/nagaraj8158/m/nagaraj8158/1667238895234/0a525bc6c92e97be2729f67175c5b6ec8cf80def?sender=u2bff5ced2775173782c00000>

### Step-1: Brainstorm, Idea Listing and Grouping

**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

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**Brainstorm**

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

10 minutes

**NAGARAJ G**

We discuss numerical wind prediction from global to local scales

uncertainty analysis of forecasts.

Comparative studies about wind energy.

This application can be used efficiently in Android platform

**PALANI SELVAM M**

in-depth review of current methods and advances in wind power forecasting

examine the performance of various approaches over different forecast time horizons.

Numerical weather prediction

This Application can be used securely in IOS platform.

**PASUPATHI DADEEJA**

ensemble forecasting, upscaling and downscaling processes.

appraise current research activities

Probabilistic forecasting

This Application can be accessed in various platforms like PC, laptop etc...

**PUSHPAVENI V**

detailed statistical, machine learning approach techniques for benchmarking

This application is platform independent.

Wind integration wind power foresee

Study of atmosphere and weather.

**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

**Platform**

This application can be used efficiently in Android platform

This Application can be used securely in IOS platform.

This Application can be accessed in various platforms like PC, laptop etc...

This application is platform independent.

**Meteorology**

Comparative studies about wind energy.

examine the performance of various approaches over different forecast time horizons.

Study of atmosphere and weather.

appraise current research activities

**Forecasting**

Numerical weather prediction

Probabilistic forecasting

uncertainty analysis of forecasts.

Wind integration wind power foresee

## Step-2: Idea Prioritization

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### 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

