

## Weather-Based Prediction of Wind Turbine Energy Output: A Next-Generation Approach to Renewable Energy Management

DATE	28-02-2026
TEAM ID	LTVIP2026TMIDS90651
PROJECT NAME	Weather-Based Prediction of Wind Turbine Energy Output: A Next-Generation Approach to Renewable Energy Management
MAXIMUM MARKS	4 MARKS

### 2.3 – Brainstroming:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions. 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.

Reference: <https://www.mural.co/templates/brainstorm-and-idea-prioritization>

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

**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

- A Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.
- B Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.
- C Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

⌚ 10 minutes to prepare  
⌚ 1 hour to collaborate  
👤 2-8 people recommended

**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

<p>⌚ Stay in topic.</p> <p>⌚ Defer judgment.</p> <p>⌚ Go for volume.</p>	<p>💡 Encourage wild ideas.</p> <p>👂 Listen to others.</p> <p>👁️ If possible, be visual.</p>
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## Step-2: Brainstorm, Idea Listing and Grouping:

**2 Brainstorm**  
Write down any ideas that come to mind that address your problem statement.  
⌚ 10 minutes

**3 Group ideas**  
Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and break it up into smaller sub-groups.  
⌚ 20 minutes

Person 1 Person 2 Person 3 Person 4  
Person 5 Person 6 Person 7 Person 8

## 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.  
⌚ 20 minutes

**Importance**  
If each of these tasks were just done without any effort, what would have the most positive impact?

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

**TIP**  
Participants can use their cursor to point at where sticky notes should go on the grid. They can then confirm the spot by using the laser pointer holding the H key on the keyboard.