Template

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

Share template feedback

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

Team gathering
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

Set the goal
Think about the problem you'll be focusing on solving in the brainstorming session.

Learn how to use the facilitation tools
Use the Facilitation Superpowers to run a happy and productive session.

Open article

1 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 STATEMENT

Any Windfarm owner needs a Wind energy output prediction software that not only gives a prediction value closest to the actual output value but also gives notifications in case of unexpected weather changes to meet their customer demands with more satisfaction so that their customers can purchase power from other sources in case of less output or zero power generation due to any failures.

Key rules of brainstorming
To run an smooth and productive session

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

2 Brainstorm

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

10 minutes

TIP
You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

MANI PRABHU T (TEAM LEAD)

- Customizing and reducing the number of features that are not relevant to the domain of interest and the chosen algorithm to the chosen algorithm
- Prior information is not available for the initial case of unexpected problems.
- Making website be both mobile and desktop version and for power generation farm business
- Cluster based anomaly detection in case of unexpected sudden climate changes
- To use non-reliable wind power in a better reliable form
- Using Weather data
- Collecting historical data considerable number of years
- No of windmills working at an instance based on climate/ train/ output
- No of windmills working at an instance based on climate/ train/ output

MOHAN M

- Humidity
- Using Logistic regression algorithm
- Wind Speed
- Temparature
- No of windmills can working at an instance due to weather
- Making layout of the website more user-friendly

ARAVINTH S

- Download prediction as a PDF
- Using Support Vector Machines algorithm
- Download prediction as a pdf
- Easy to Use
- Using Decision Trees
- Better use of natural resources in a more efficient manner by using software

DHARSHAN NATH Y

- Using Random Forest algorithm
- No of windmills in a windfarm
- Videos or Tutorials to show how to use for unknown.
- Using maps for pinning windfarm location
- Displaying my prediction in an apps/ website
- Explanation provided for basic electrical for users to use the website

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 see if you and break it up into smaller sub-groups.

20 minutes

PARAMETERS TAKEN FOR PREDICTION

- Collecting historical data considerable number of years
- Using Weather data
- Temperature
- Humidity
- No of windmills can working at an instance due to weather
- Wind Speed
- Location
- No of windmills in a windfarm
- Taking those levels of wind speed, which adapts to all cases, and gives the closest value to the original value
- Using maps for pinning windfarm location
- No of Windmills working at an instance based on climate/ train/output

MACHINE LEARNING FOR PREDICTION

- Using Random Forest Algorithm
- Using Decision Trees
- Using Support Vector Machines algorithm
- Calculating and comparing accuracy of various ML algorithms and choosing which adapts to all cases and gives the closest value to the original value
- Using Logistic regression algorithm

TIP
Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

PREDICTION SOFTWARE

- Easy to Use
- Download prediction as a pdf
- Making layout of the website more user-friendly
- Explanation provided for basic electrical for users to use the website
- Videos or Tutorials to show how to use the software for customers
- Displaying my prediction in an apps/ website

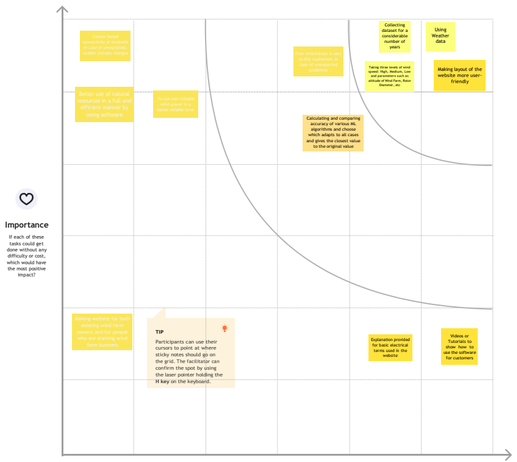
IMPROVING CUSTOMER SATISFACTION

- Taking those levels of wind speed, which adapts to all cases, and gives the closest value to the original value
- Using Weather data
- Collecting historical data considerable number of years
- Making layout of the website more user-friendly
- Making website for both mobile and desktop version and for power the wind farming with farm business
- Explanation provided for basic electrical for users to use the website
- Videos or Tutorials to show how to use the software for customers

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



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

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 stakeholders to keep them in the loop about the outcomes of the session.

Export the mural
Export the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.
Open example