












Ideation Phase

Brainstorm&Idea Prioritization Template

Date	10-10-2022
Team ID	PNT2022TMID12853
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization Template:

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

<div></div> <div>Before you collaborate</div> <div><p>A little bit of preparation goes a long way with this session. Here's what you need to do to get going.</p><p> 10 minutes</p></div> <div><hr/></div> <div><div>A</div><div>Team gathering Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.</div></div> <div><div>B</div><div>Set the goal Think about the problem you'll be focusing on solving in the brainstorming session.</div></div> <div><div>C</div><div>Learn how to use the facilitation tools Use the Facilitation Superpowers to run a happy and productive session. Open article </div></div>	<div><div>1</div><div>Define your problem statement</div><div><p>What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.</p><p> 5 minutes</p></div><div><hr/></div><div><div>PROBLEM</div><div>To predict the wind energy production in order to plan for the energy needs of future in advance</div></div><div><div></div><div>Key rules of brainstorming To run a smooth and productive session</div><div><div> Stay in topic.</div><div> Encourage wild ideas.</div><div> Defer judgment.</div><div> Listen to others.</div><div> Go for volume.</div><div> If possible, be visual.</div></div></div></div>

Step-2: Brainstorm, Idea Listing and Grouping

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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!

Antnoy Surya A

wind energy
is renewable
resource

But it will not
produce
constant
amount of
energy

So we can predict
the production of
energy in different
conditions using the
dataset we have
collected over years

It will help us to
plan our
resources for
energy demands
efficiently.

Gayathri A

we will be
analysing the
dataset that
we collected
from kaggle

we need to
provide the
accurate results
of energy
production

For that we
need to use
suitable
algorithm

we need to
train the
model

Venkata Subramaniyan R

Once we the
model,we
need to test
it.

We need to
check the
accuracy of
the model

we need to
create user
interface
using HTML
CSS

We will store
the data in
Cloud and
access it from
there

Venkataprasath

We will
integrate the
API with the
trained model

We will
determine the
weather
condition and
predict the
power output

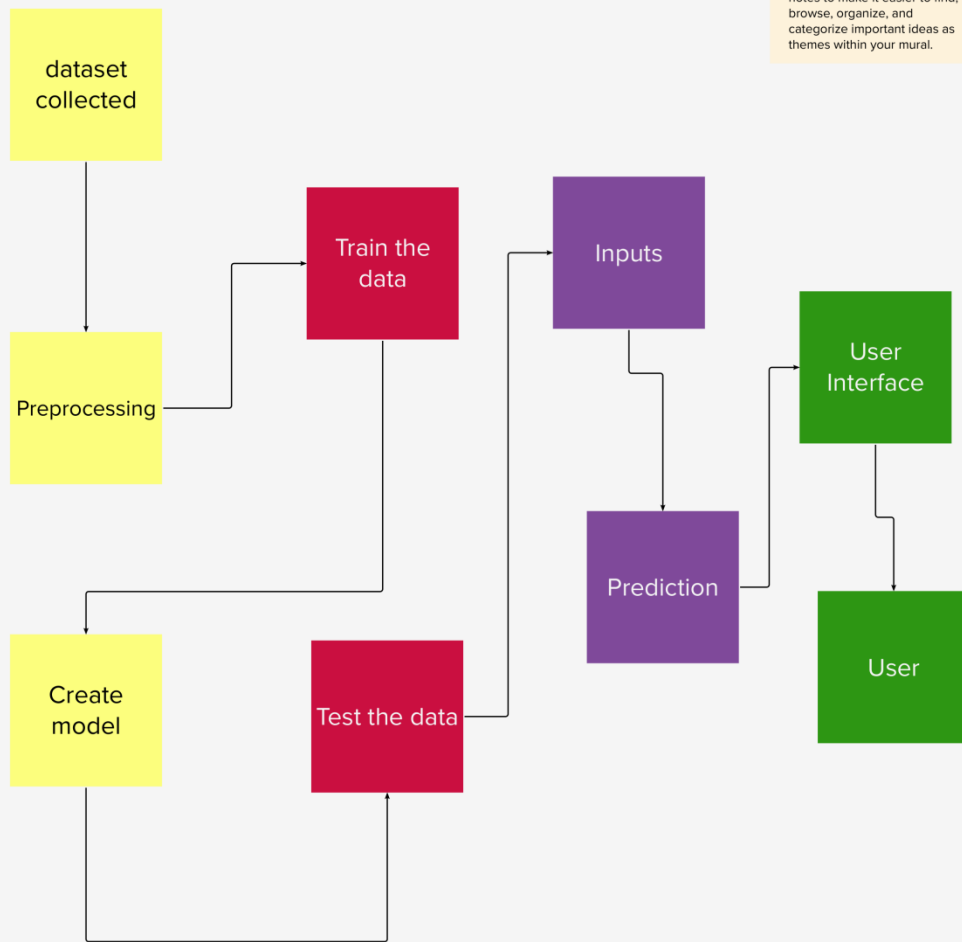
Once the
power is
detected it is
passed to the
API

API will
produce the
energy
amount in
KW/hr.



TIP

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



Step-3: Idea Prioritization

