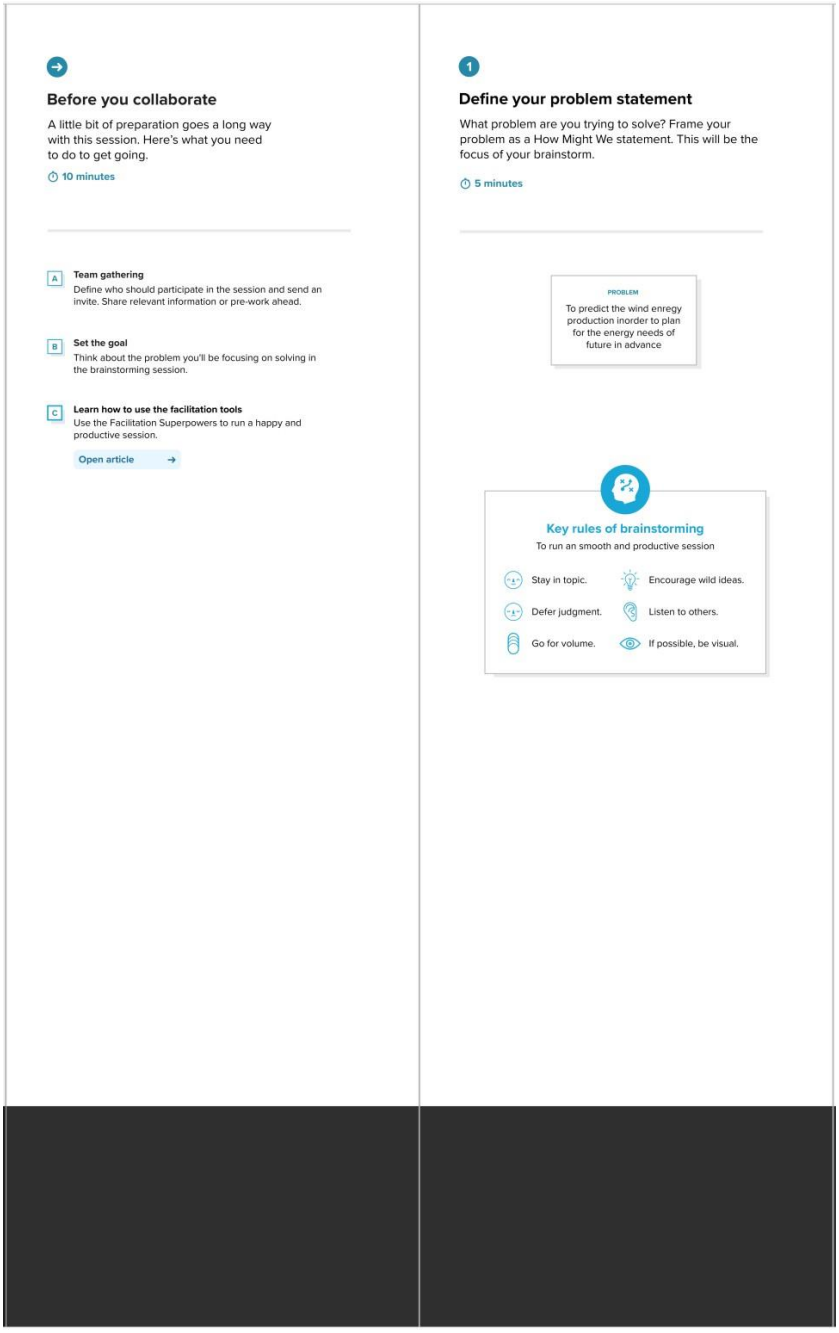
Ideation Phase
Brainstorm&Idea Prioritization Template

Date	11-10-2022
Team ID	PNT2022TMID51318
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



Step-2: Brainstorm, Idea Listing and Grouping

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!

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

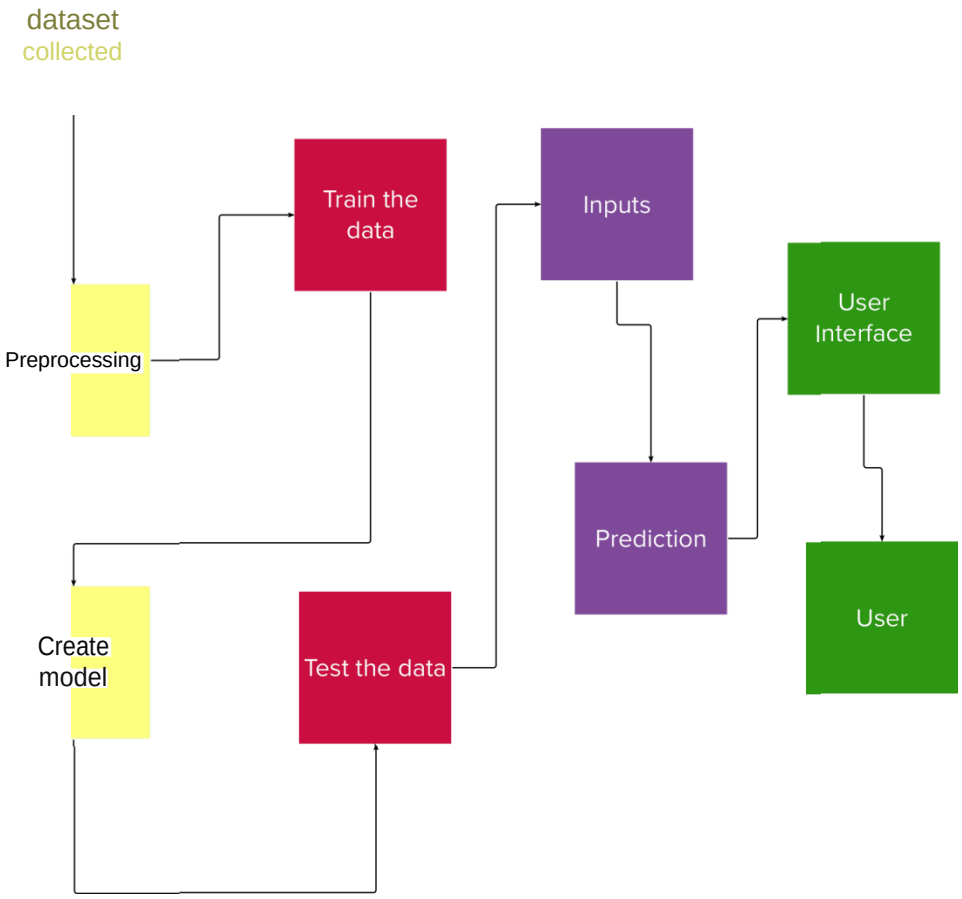
Venkata Subramaniyan R

- 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.

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as



Step-3: Idea Prioritization