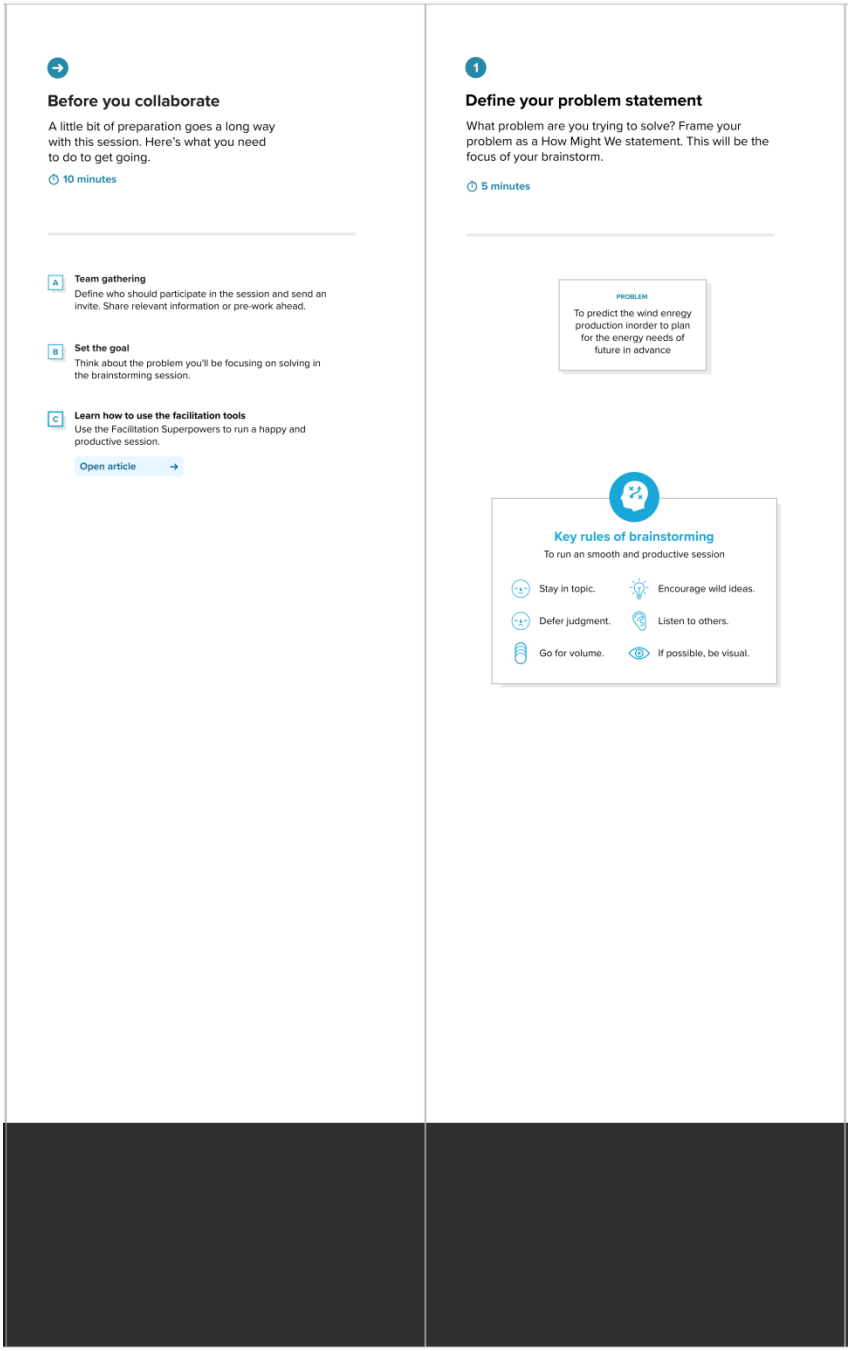
Ideation Phase
Brainstorm&Idea Prioritization Template

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



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

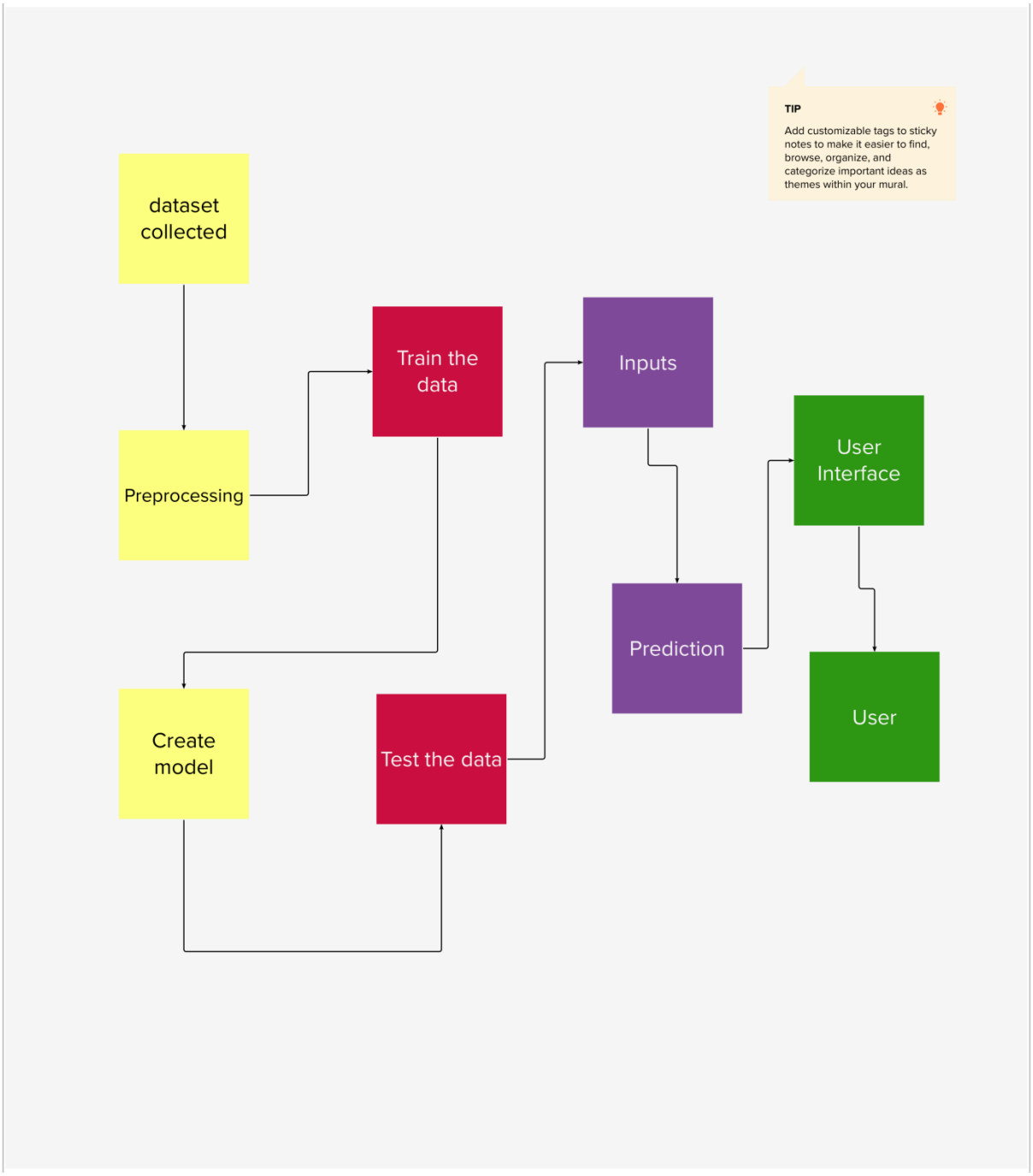
- we will be analysing the dataset that we collected from kaggle
- we need to provide the accurate results of energy production
- For that we need to use suitable algorithm
- we need to train the model

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.


TIP
Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.
dataset collected
Train the data
Inputs
User Interface
Preprocessing
Prediction
Create model
Test the data
User

Step-3: Idea Prioritization