Ideation Phase Brainstorm & Idea Prioritization Template

Date	11 October 2022
Team ID	PNT2022TMID14768
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

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Team Gathering, Collaboration and Select the Problem Statement



Brainstorm



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

pranathi

Srinidhi.

Check wind direction and wind speed in different outdoor temperatures

Analyze model performance on different sites sites

Diameter of Check for height of windmill and determine the energy output the rotor of a wind turbine plays a major

Check frequency of wind speed anddetermine it's likely output energy windmills in a wind farm contribute to energy output

Climatic condition of the wind farm is used primarily to calculate output energy overproduction

Pavitra

romv&r

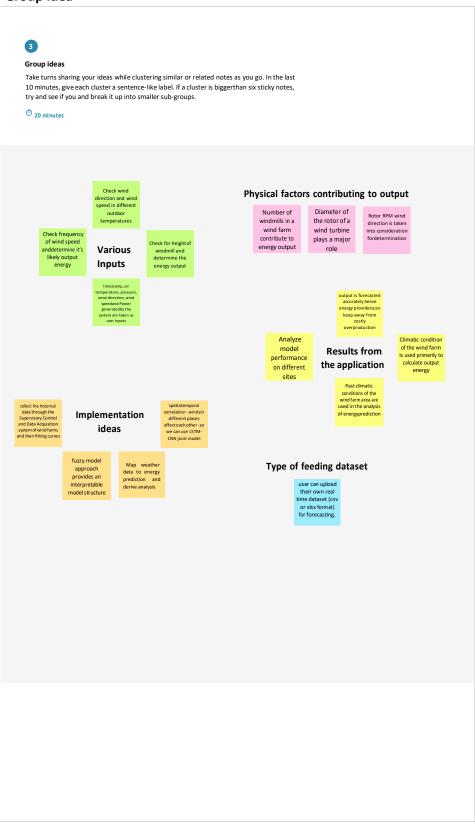
Rotor RPM wind direction is taken into consideration fordetermination

Map weather data to energy windfarmarea are prediction and derive analysis of energyprediction

fuzzy model approach provides an interpretable model structure

user can upload their own real time dataset (csv or xks format) for forecasting.

Group Idea





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.



Check for height of understanding the control of the wind farm to understanding the control of the wind farm to understanding the energy output.

Spatiate good control of the wind farm to wind farm to wind farm to understanding the energy output to energy outpu

Feasibility

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