

Ideation Phase

Define the Problem Statements

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID45145 |
| Project Name | Predicting the energy output of wind turbine based on weather condition |
| Maximum Marks | 2 Marks |

Customer Problems:

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| I am | Farmer. I have heard through my son that there is way to generate electricity through windmill. I have 12 acres of land in my village |
| I'm trying to | Build a wind farm. |
| but | I do know what is the procedure or where I have to go start the process of constructing wind farm. |
| because | I am against the non- renewable resource. I hate the world is so much polluted now. |
| Which makes me feel | To do something in my behalf for nature. So I like initiate the process |

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| I am | Farmer. I have a wind farm. Which was constructed during last year. |
| I'm trying to | Understanding basic of wind mill. I have some concerns and queries. |
| but | does it affect my farm animals, how much cost is to maintain it. How to predict the energy output and how to shut down the wind turbine during natural disaster. |
| because | My goal is to generated high output and earn money. |

**Which makes
me feel**

Confused and I trying to understanding the basic requirements of
wind farm.