

Ideation Phase

Define the Problem Statements

Date	27 September 2022
Team ID	PNT2022TMID52191
Project Name	Predicting the energy output of wind turbine based on weather conditions
Maximum Marks	2 Marks

Customer Problem Statement :

To comprehend the viewpoint of your customer, write an issue statement. In order to build experiences that customers will appreciate, the Customer Problem Statement template can help you concentrate on what important.

You and your team can identify the appropriate solution to the problems your clients are facing with the help of a clearly stated customer problem statement. You'll also develop an empathy for your clients during the procedure, which will enable you to comprehend how they view your good or service.

I am	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers

I am Manufacturer	I'm trying to Produce more amount of wind energy	But Don't know where to place the windmills	Because no analysis of the weather conditions	Which makes me feel concerned
I am A customer	I'm trying to Should have no power cuts and reliable energy	But I don't know whether wind energy is effective	Because no knowledge about the wind patterns in my region	Which makes me feel worried
I am organisation	I'm trying to production of wind energy	But I face overproduction and high cost issues	Because accurately can't able to predict the wind energy	Which makes me feel sad

I am a engineer	I'm trying to predicte the energy output from the wind turbine	But it takes a long time	Because their is often error in the manual calculation	Which makes me feel Frustrated
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Example :

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A engineer	Predict the energy output from the wind turbine	It takes too long	There is often error in the manual calculation	frustrated
PS-2	A Teenager	Try this new application	I don't understand anything in the application	It is very hard for me to understand	useless