

Ideation Phase

Define the Problem Statements

Date	10 September 2022
Team ID	PNT2022TMID35179
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

I am A manufacturer	I'm trying to Produce high quality of wind energy	But I don't know where to place the windmills	Because I don't have an analysis of weather conditions	Which makes me feel Concerned
I am A user	I'm trying to Prevent power cuts and find a reliable energy source	But I don't know if wind energy is the most efficient solution to my dilemma	Because I don't know the wind patterns of my region	Which makes me feel Worried
I am An organization	I'm trying to produce wind energy	But I face overproduction and high cost issues	Because I can't accurately predict the wind energy	Which makes me feel Sad

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	manufacturer	Produce high quality of wind energy	I don't know where to place the windmills	I don't have an analysis of weather conditions	Concerned
PS-2	user	Prevent power cuts and find a reliable energy resource	I don't know if wind energy is the most efficient solution to my dilemma	I don't know the wind patterns of my region	Worried
PS-3	organization	Produce wind energy	I face overproduction and high-cost issues	I can't accurately predict the wind energy	sad