**Ideation Phase**

**Define the Problem Statements**

|  |  |
| --- | --- |
| Date | 4 November 2022 |
| Team ID | PNT2022TMID12567 |
| Project Name | Project – Predicting the energy output of wind turbine based on weather conditions |
| 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.

Graphical user interface, text, application, email

Description automatically generated

Reference: <https://miro.com/templates/customer-problem-statement/>

**Example:**

Chart, treemap chart

Description automatically generated

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Problem Statement (PS)** | **I am (Customer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | Student | Predict the energy output of wind turbine based on weather condition | It takes much time to complete it | It needs both  software and  electrical knowledge | ardour |
| PS-2 | Student | analyse about the weather conditions | It varies from place to place | Without this we  cannot proceed  to predict the  wind energy | keen |



