

Project Initialization and Planning Phase

Date	15 March 2024
Team ID	SWTID1720171463
Project Name	Predicting The Energy Output Of Wind Turbine Based On Weather Condition
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

The project aims to predict the energy output of a wind turbine based on weather conditions. This is valuable for energy companies and grid operators to better manage and optimize energy production. By analyzing historical data of weather conditions and energy output, machine learning models can be trained to predict the energy output of a wind turbine given current weather conditions.

I am	I'm trying to	Using	Because	Which makes me feel
a student	predict energy output of wind turbine using weather conditions	weather API	it is easy to collect weather data	optimistic

Problem Statement (PS)	I am (Customer)	I'm trying to	Using	Because	Which makes me feel
PS-1	student	Predict energy output of wind turbine using weather conditions	Weather API	It is easy to collect weather data	optimistic