PROJECT FLOW

TEAM ID: PNT2022TMID03363

TITLE: Predicting The Energy Output Of The Wind Turbine Based On Weather Condition

You will go through all the steps mentioned below to complete the project.

- User interacts with the UI (User Interface) to enter Data ▯ The entered data is analyzed by the model which is integrated
- Once model analyses the input the prediction is showcased on the UI

To accomplish this, we have to complete all the activities and tasks listed below

- Data Collection.
  - Collect the dataset or Create the dataset ▯ Data Preprocessing. ○ Import the Libraries. ○ Importing the dataset.
  - Checking for Null Values.
  - Data Visualization.
  - Taking care of Missing Data. ○ Label encoding. ○ One Hot Encoding. ○ Feature Scaling.
  - Splitting Data into Train and Test.

- Model Building
  - Training and testing the model
  - Evaluation of Model
- Application Building
  - Create an HTML file
  - Build a Python Code