

# PROJECT FLOW

**TEAM ID :** PNT2022TMID41350

**TITLE :** PREDICTING THE ENERGY OUTPUT OF WIND TURBINE BASED ON WEATHER CONDITION

## Project Flow

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