# Project Design Phase-I

# Solution Architecture

| Date | 19 September 2022 |
|---|---|
| Team ID | **PNT2022TMID46873** |
| Project name | the energy output of wind turbine based on weather Predicting condition |
| Maximum Marks | 4 Marks |

# SOLUTION ARCHITECTURE

10001
100

SCADA

Data processing modules

MACHINE LEARNING ALGORITHM

RAW DATA

Data preprocessing

PREPARED DATA

FEATURE EXTRACTION

APPLY ALGORITHM

MODEL

Data

PREDICTIVE MAINTENANCE

BUILD ENSEMBLE MODEL

MODEL SELECTION