Project Design Phase-II
Technology Architecture

Date	12 October 2022
Team ID	PNT2022TMID21439
Project Name	**Project** – Predicting the energy output of wind turbine based on weather condition
Maximum Marks	4 Marks

Technology Architecture:
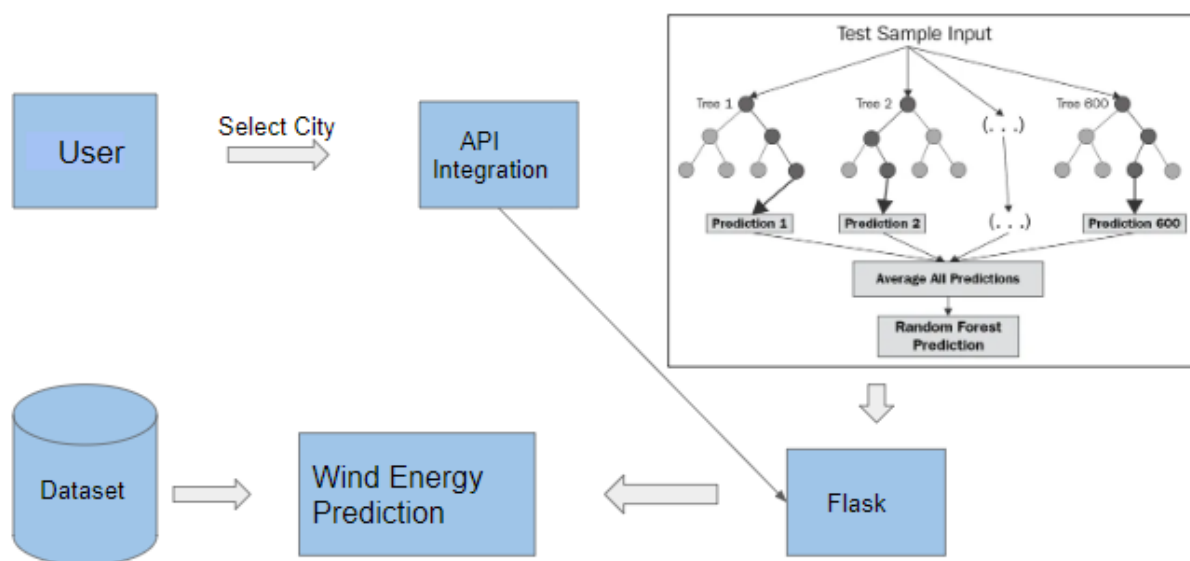
The user has to select the city and this is done through API integration, and Random forest prediction is also done through the Average all prediction model, the (random forest) algorithm establishes the outcome based on the predictions of the decision trees. It predicts by taking the average or mean of the output from various trees. Increasing the number of trees increases the precision of the outcome. Finally they are put into a flask where the datasets feed are referred and the wind energy prediction is done.