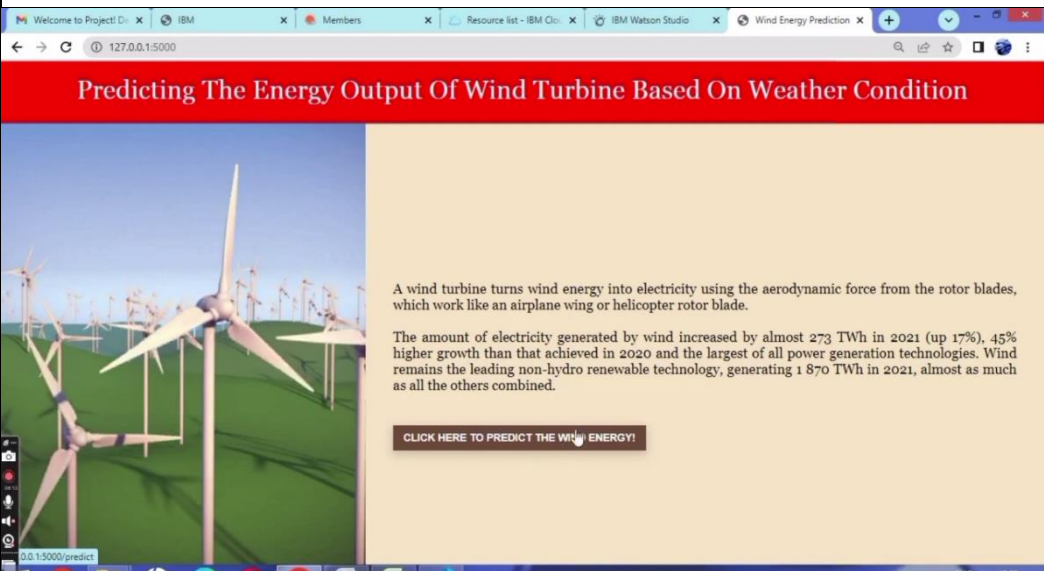
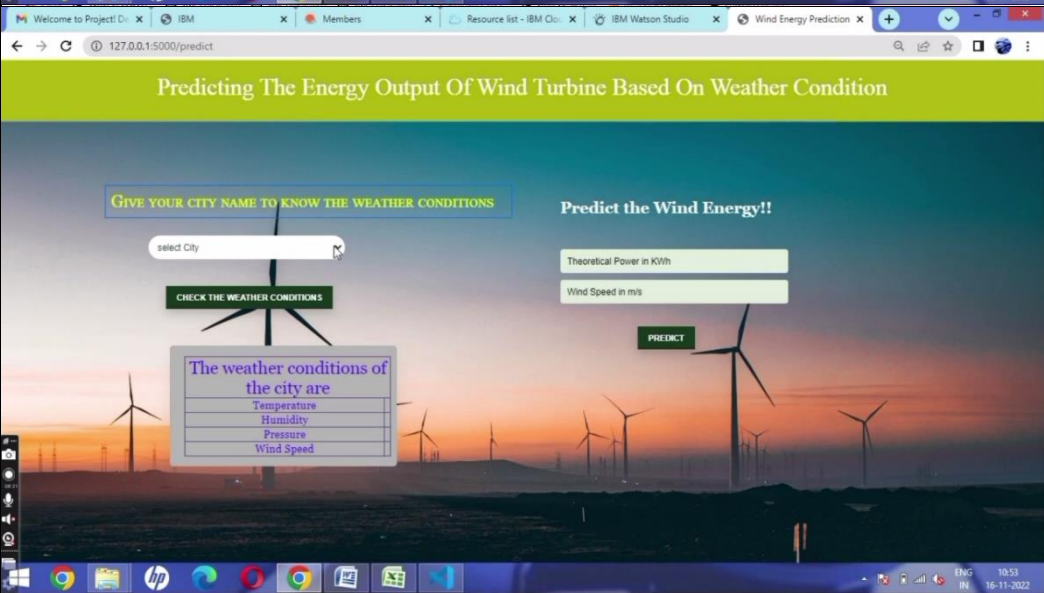


Project Development Phase Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID48318
Project Name	Predicting the energy output of wind turbine based on weather condition
Maximum Marks	10 Marks

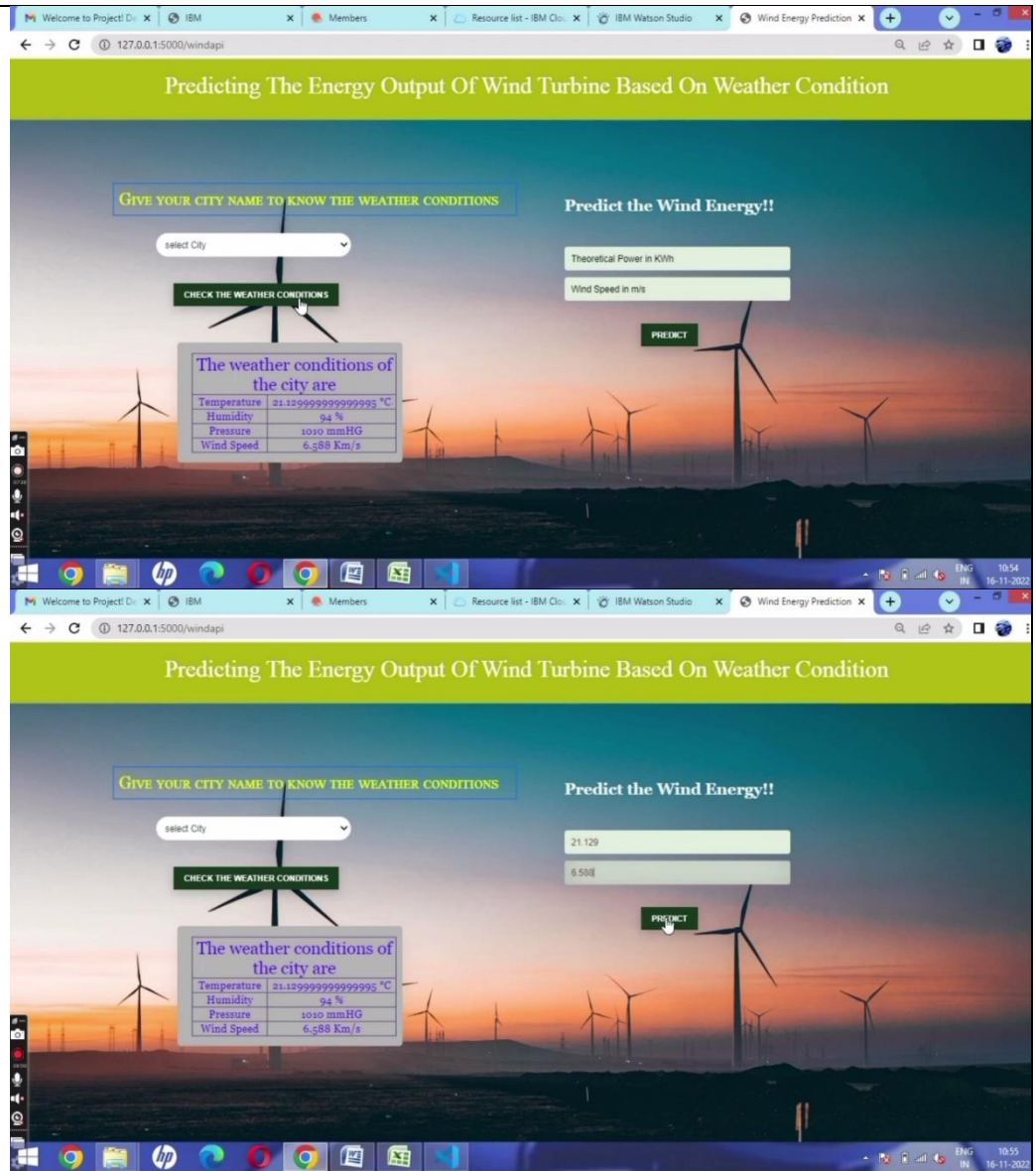
Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot
1.	Intro page Design	 <p>The screenshot shows the introductory page of the project. It features a prominent red header with the project title. Below this, a large image of wind turbines is displayed on the left. To the right of the image, there is a text block explaining the concept of wind energy and its growth. A button labeled 'CLICK HERE TO PREDICT THE WIND ENERGY!' is positioned at the bottom right of the text block.</p>
2.	Predicting page	 <p>The screenshot shows the prediction interface. It has a green header with the project title. Below the header, there is a form with a 'select City' dropdown menu and a 'CHECK THE WEATHER CONDITIONS' button. To the right, there is a 'Predict the Wind Energy!!' section with input fields for 'Theoretical Power in KW/h' and 'Wind Speed in m/s', and a 'PREDICT' button. A box on the left displays the weather conditions for the selected city.</p>

3.

**Model
Responsiv-
eness**



4.

**Metrics
[model
Accuracy-
0.9]**

Regression Model -Random Forest Regressor

