Functional Requirements

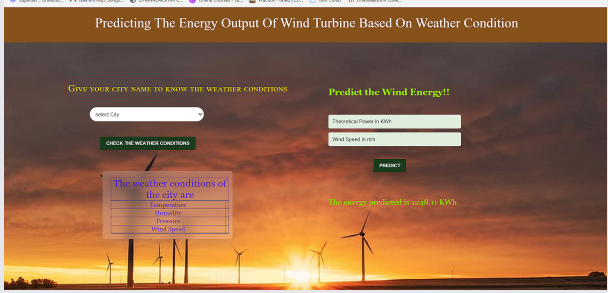|	Functional Requirements
Objectives	Wind Output Energy Predict Website: The learning of regression , pre-process,analyze and buliding the website using flask throught the project
End Result	The website provides TWO Service to the user. The first service is the weather condition of the any city which the user have chosen. The second service is the calculate the wind energy prediction using the Theoretical Power and Wind Speed
Essentiality	Python,Python Web Frame Works,Python For Data Visualization,Data Preprocessing Techniques,Machine Learning,IBM Cloud,IBM Watson Studio,Python-Flask
Documentation	
Origin	Wind power generation differs from conventional thermal generation due to the stochastic nature of wind. Thus wind power forecasting plays a key role in dealing with the challenges of balancing supply and demand in any electricity system
Testing	Train the Model on IBM CLOUD