Project Planning Phase

Milestone and Activity List

Date	31 October 2022
Team ID	PNT2022TMID41738
Project Name	Crude Oil Price Prediction

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
2.	Data Preprocessing	Import Library and Configure	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
3.	Data Preprocessing	Analyze the data functionality to Train and Test set	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
4.	Model Building	Import the required model building libraries	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
5.	Model Building	Initialize the model	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
6.	Model Building	Add LSTM Layers	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
7.	Model Building	Adding output layers	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
8.	Model Building	Compile the model	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
9	Model Building	Fit and save the model	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath

10.	Test the model	Import the packages and load the saved model	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
11.	Test the model	Load the test data, pre-process it and predict	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
12.	Application Building	Build a flask application	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
13.	Application Building	Build the HTML page	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
14.	Application Building	Output	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
15.	Train RNN Model on IBM	Register for IBM Cloud	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath
16.	Train RNN Model on IBM	Train Data classification Model	P.Praveen Kumar P.Aravinth P.Arjun R.Mohanprasath