Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID10129
Project Name	Crude Oil Price Prediction

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
2.	Data Preprocessing	Import Library and Configure	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
3.	Data Preprocessing	Analyze the data functionality to Train and Test set	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
4.	Model Building	Import the required model building libraries	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
5.	Model Building	Initialize the model	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
6.	Model Building	Add LSTM Layers	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
7.	Model Building	Adding output layers	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
8.	Model Building	Compile the model	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan

9	Model Building	Fit and save the model	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
10.	Test the model	Import the packages and load the saved model	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
11.	Test the model	Load the test data, pre-process it and predict	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
12.	Application Building	Build a flask application	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
13.	Application Building	Build the HTML page	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
14.	Application Building	Output	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
15.	Train RNN Model on IBM	Register for IBM Cloud	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan
16.	Train RNN Model on IBM	Train Data classification Model	M.B.Hitheswar J.Devapriyan S.Balamurugan M.Gunaseelan