Project Planning Phase

Milestone and Activity List

Date	25 October 2022
Team ID	PNT2022TMID54315
Project Name	Crude Oil Price Prediction

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Creating test and train folders	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
2.	Data Preprocessing	Configure the library by importing it	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
3.	Data Preprocessing	Assess the functionality of Train and Testset based on the data	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
4.	Model Building	Select the required model and import it	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
5.	Model Building	Model initialization	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
6.	Model Building	Add LSTM Layers	C.Ashish Hameed P.T.Esther Rani
7.	Model Building	Adding output layers	G.S.Harish Vijay M.V.Monisha Valli
8.	Model Building	Compile the model	C.Ashish Hameed G.S.Harish Vijay
9.	Model Building	Fit and save the model	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli

10.	Test the model	Load the saved model and import the packages	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
11.	Test the model	Test data should be loaded, pre-processed, and predicted	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
12.	Application Building	Building a Flask Application	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
13.	Application Building	Building the HTML page	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
14.	Application Building	Display the output	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli
15.	Train RNN Model on IBM	Register for IBM Cloud	C.Ashish Hameed P.T.Esther Rani G.S.Harish Vijay M.V.Monisha Valli