Planning Report

Domain Name:- Machine Learning   **Topic Name:- Stock Trends Price Prediction**

Guide Name:- Mrs. Shivganga Mam

Group Member:-

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Requirement:-

Software	Hardware
Programming Language:- Python	Laptop:- HP(AMD Ryzen 5)
Platform:-VS Code, Jupyter Notebook,Streamlit	
Library:- Numpy, Pandas, Matplotlib, Streamlit, Sklearrn, Keras	
Operating System:- Windows	

Problem Statement:-

Time Series is being widely used in analytics & data science. Stock prices are volatile in nature and price depends on various factors. The main aim of this project is to predict stock prices using **Long short term memory (LSTM).**

Modules:-

1) Import require library
2) Fetching data from YahooFinance
3) Load data to project
4) Cleaning data set
5) Plotting all point on graph
6) Creating model
7) Deploy model on **Streamlit** platform