

Co-ordinator

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Internal Guide:

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Submitted by,

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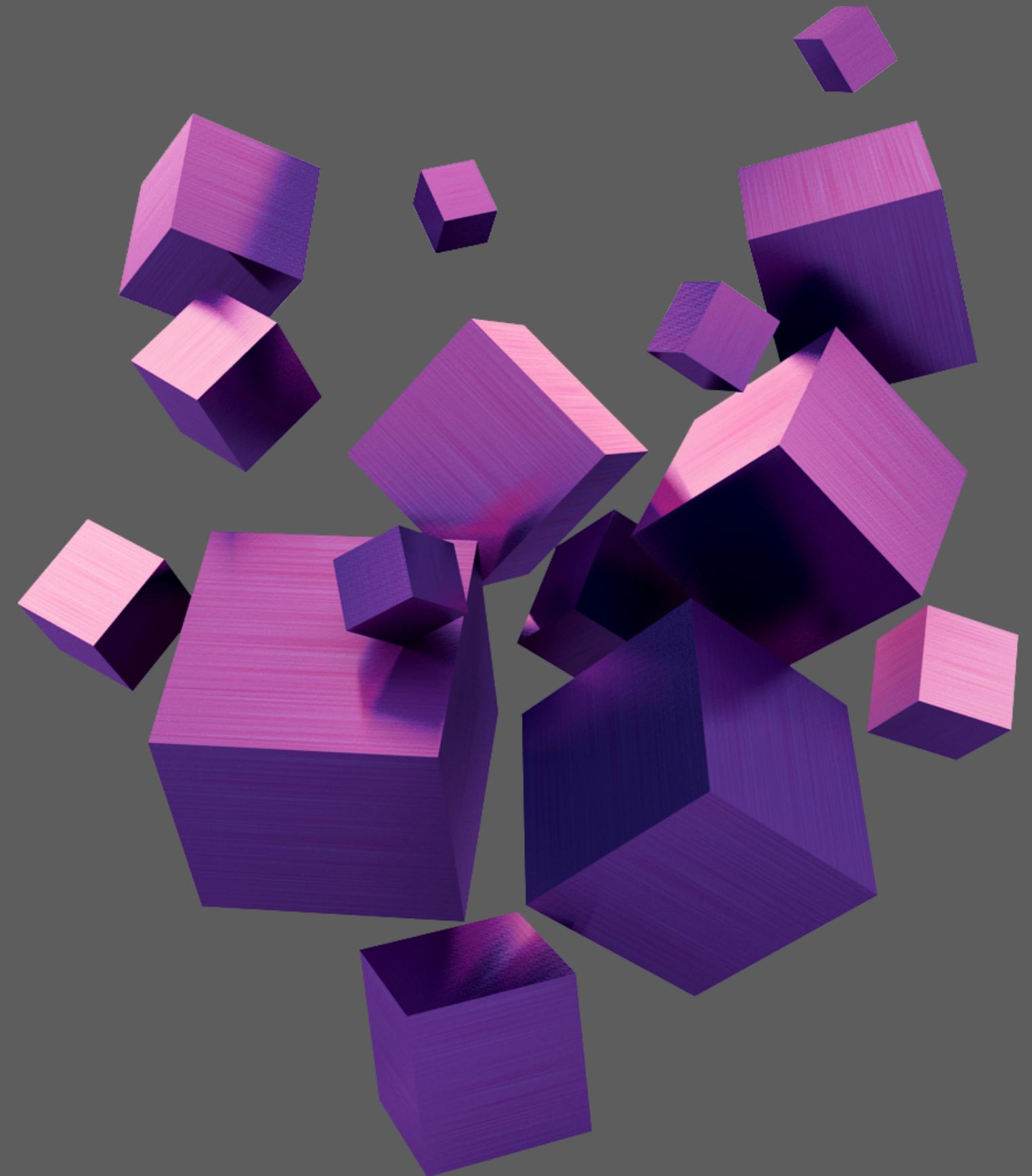
MCA 4B
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Front End :
HTML, CSS ,JS

Back End :
Python 3.9.8
DJANGO 3.0

Database :
SQLite 3.12. 2



Tools used :

IDE- Vs-code

Browser - Brave,Chrome



Packages Used :

Real Time Data Fetching: Y-finance

Data Visualization :

Pyplot/Matplotlib

Algorithm Used:LSTM/FBPROPHET



Introduction

Brief introduction



- This project aims at building a web App that help the user's to maximize their profit by their investment.
- It will help the users to analyze individual stocks and make better decision.
- By adding the stocks to their portfolio the user can analyze the stock individually and accurately.
- It will help the users to better understanding of the stocks.

Existing system



- Shows real time data and visualization by Google finance and yahoo finance but not provided an approach to predict the stock market.
- The stock market is volatile in nature so it is difficult to predict the stock market.

Proposed system



- The main scope of the project is to simplify the difficulty in investment problem of the user's. The main aim of the project is to maximize the profit by using the BIG BULL tool.
- We use stock open price ,close price ,volume, market capitalization ,current price and which industry they belongs to these are the values that are considerd .

Stakeholders



- Investors
- Shareholders of the companies
- individual investors
- Angel investors
- Institutional investors.



Modules

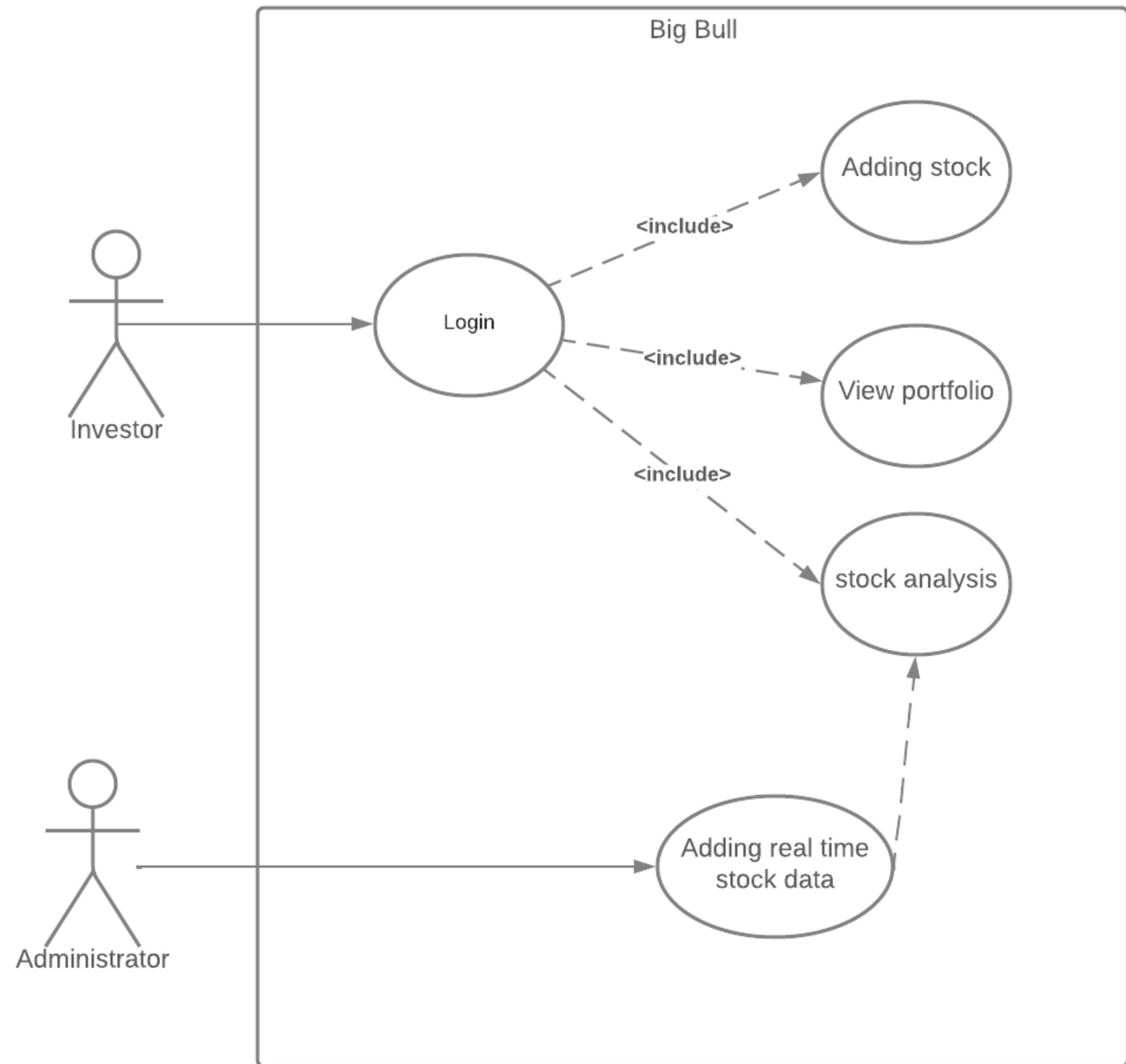
Modules



1. Login Page
2. User portfolio
3. Stock analysis
4. Adding stocks to portfolio

Use Case Diagram





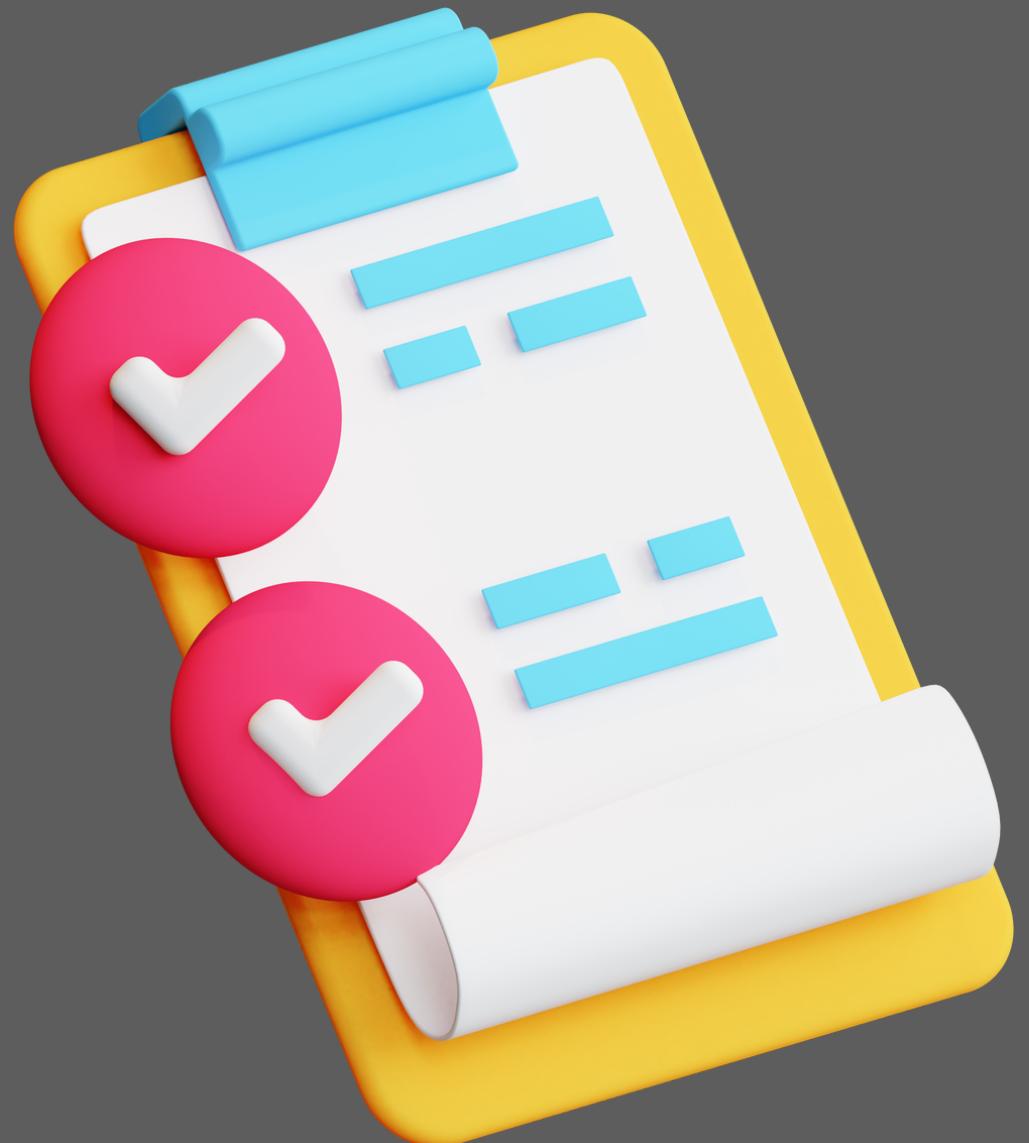
CONCLUSION



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- The goal of each stakeholders is to maximize the profit from their investment so that the system can help to generate profit from their investment.
- BIG BULL is a useful tool for each of the stakeholders because they can make better decisions according to that.
- The investment and recommendation of the stocks made by BIG BULL are for educational purpose only.



References

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- [https://www.google.co.in/books/edition/Advanced_Analytics_and_Learning_on_Tempo/oTMPEAAAQBAJ?hl=en&gbpv=1&dq=Compatible+deep+neural+network+framework+with+financial+time+series+data&pg=PA61&printsec=front cover](https://www.google.co.in/books/edition/Advanced_Analytics_and_Learning_on_Tempo/oTMPEAAAQBAJ?hl=en&gbpv=1&dq=Compatible+deep+neural+network+framework+with+financial+time+series+data&pg=PA61&printsec=front+cover)
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- <https://arxiv.org/ftp/arxiv/papers/2205/2205.05719.pdf>



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