KAVIKULGURU INSTITUTE OF TECHNOLOGY AND SCIENCE
RAMTEK 440016

Department of Computer Technology
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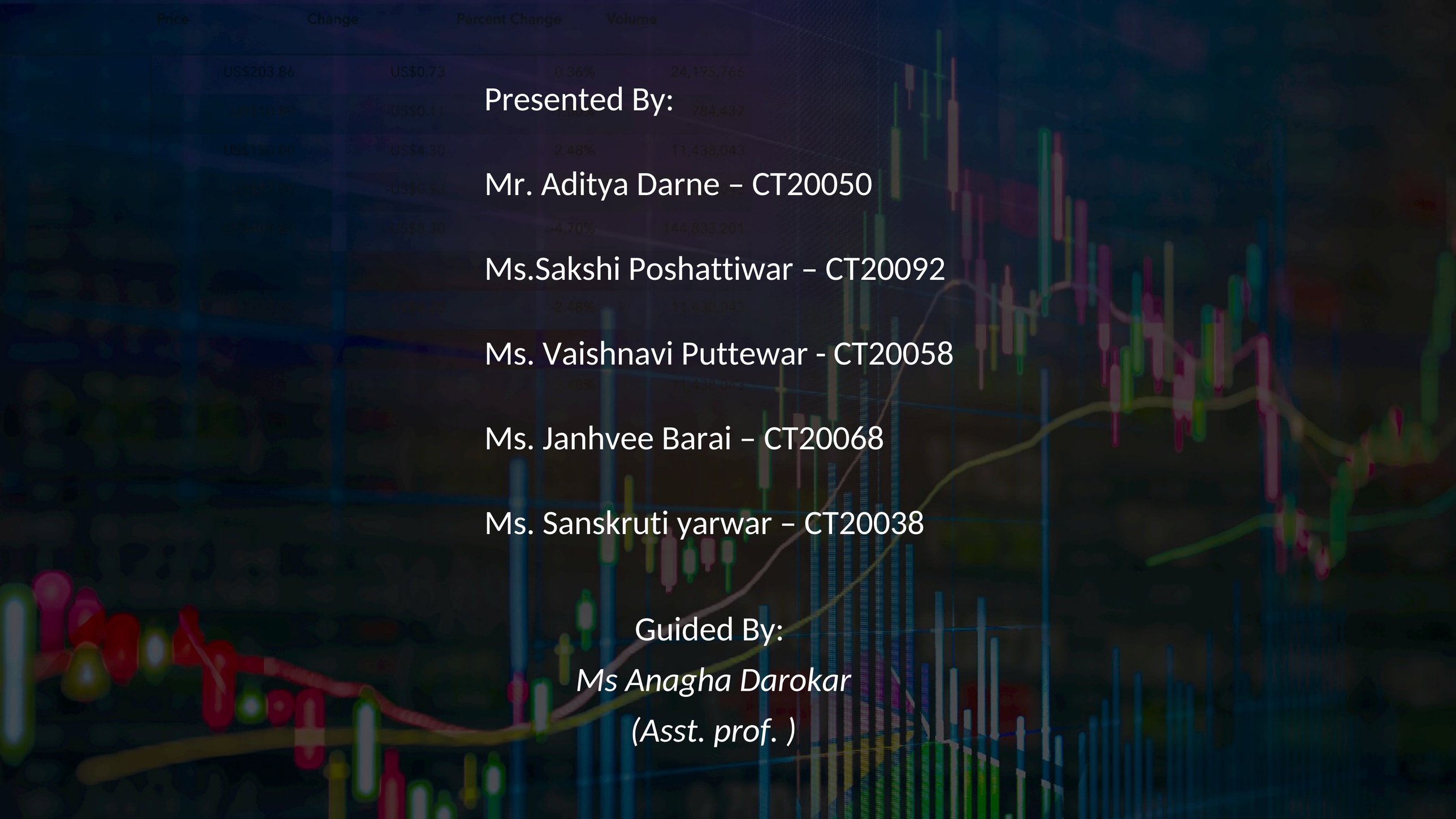
Design And Implementation Of Web-Application
On
Stock Market Exchange



Presented By:

Mr. Aditya Darne – CT20050

Ms.Sakshi Poshattiwar – CT20092

Ms. Vaishnavi Puttewar - CT20058

Ms. Janhvee Barai – CT20068

Ms. Sanskruti yarwar – CT20038

Guided By:

Ms Anagha Darokar

(Asst. prof.)

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Introduction

Due to the high profit of the stock market ,it is one of the most popular investment.
The problem of stock market exchange and price analysis involves:
Two stock exchanges namely- the national stock exchange (NSE) and the Bombay stock exchange (BSE), which are the most of the trading in Indian stock market takes place.

- Sensex and Nifty are the two prominent indian market indexes. Since the prices in the stock market are dynamic , the stock market prediction is complicated.
- For investigation trends, pattern and cycle or period the analysis of time series advantages in the present data.
- In spending money wisely an early data of a bullish or bearish in case of the stock market. Also , for categorizing the best –performing companies.

Problem statement

The problem of stock market exchange and price analysis involves:

1. The challenge of using various techniques to analysis and interpret stock market data to make informed investment decision .
2. This problem includes issues such as identifying and tracking market trends, predicting future price movements
3. Identifying undervalued or overvalued stocks.It also includes challeges such as dealing with market volatility, incorporating macroeconomic factors, and managing risk.
4. Additionally, technological advancements have brought about new challenges ,such as the need to process and analysis large amount of data and respond quickly to market changes.

Problem objectives

- Design a mobile/web application that enables users to buy ,sell and monitor their investments in various financial instruments such as stock’s, mutual funds , and exchange-traded funds(ETFs).
- The app should have a user –friendly interface that allows users to quickly view their portfolio, track market trends and execute trades.
- Explore stock prices.
- Implement basic model using linear regression.
- Compare the result and submit the report.

Literature review

sr no	Title	Author	Year	Description
1	Aggregate Economic Variables and Stock Markets in India	Ahmed, S	2008	Movement ofstock prices is not only affected by key macro economic variables but also influenced by other macro dimensions in the economy
2	Environment al factors Influencing Fluctuation of Share prices on Nigeria Stock Exchange Market.	Guru, U.Idris I.	2009	Stock prices moves in the same direction with GDP, money supply, total deficit & interest rate while inflation rate & index of industrial moves in opposite direction.
3	Analysis the Determinants of Market Stock Price Movements: An Empirical Study of Jordanian Commercial Banks	Nasif AL,F.Shubiri	2010	Highly positive relation between Market Price of Stock & NAVPS , Dividend percentage, & Gross Domestic Product. Negative relationship on inflation and lending interest rate
4	Empirical Evidence of the Existence of Investable Premiums in Emerging Market Investable Stocks	Girard, EC.	2010	The average return and volatility of more investable stocks is greater than the average return of less investable stocks.

PROPOSED APPROCH AND SYSTEM ARCHITECTURE:

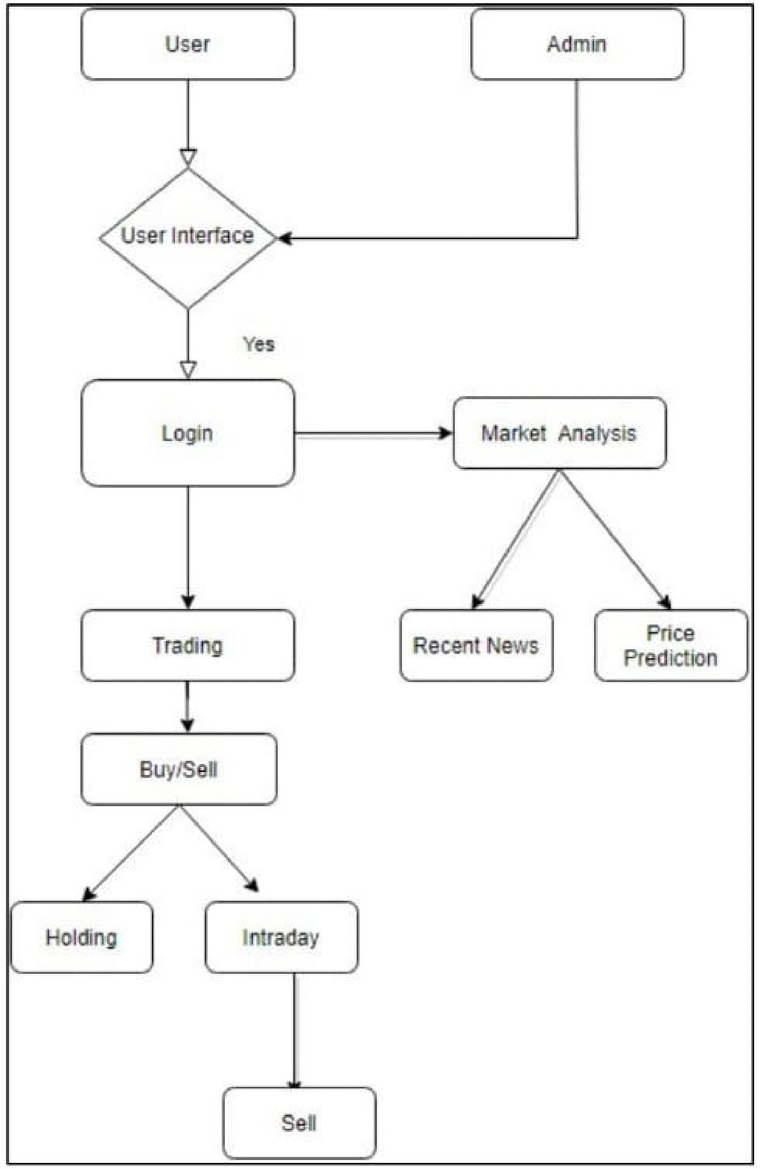
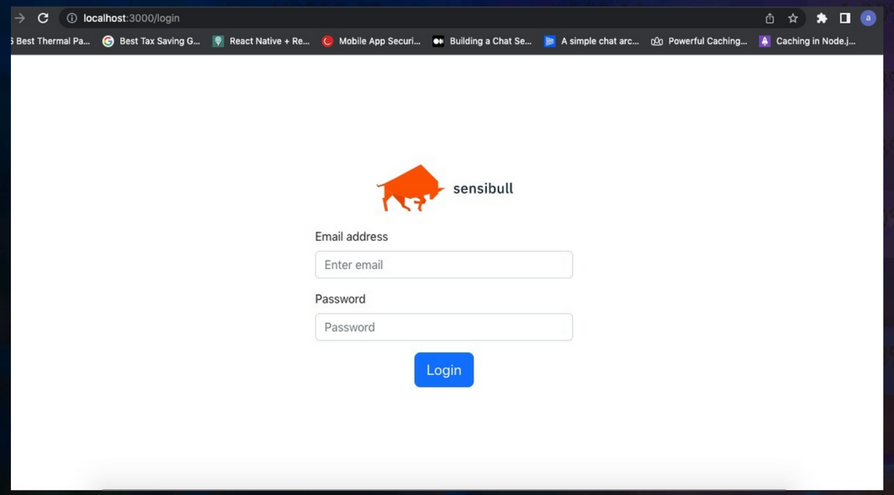
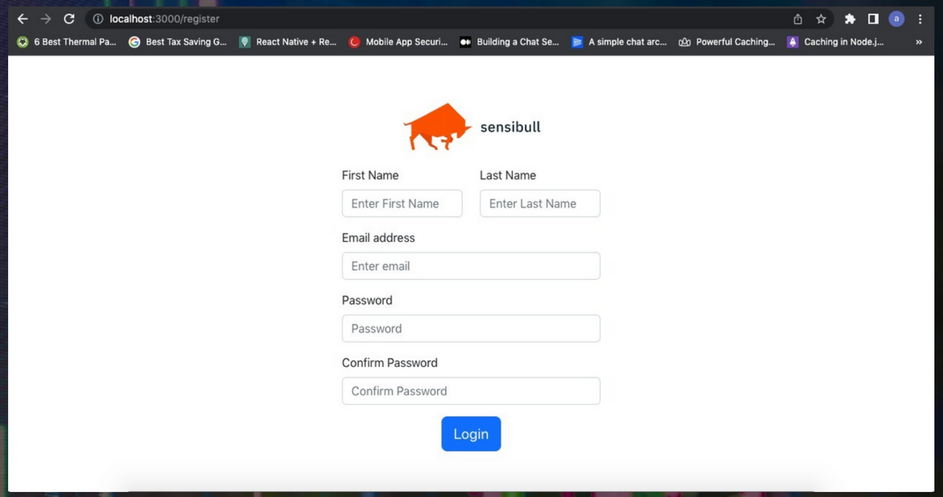


Fig: Process of Stock Market Exchange.

PLAN OF IMPLEMENTATION

RESULT AND DISCUSSION





CONCLUSION

Stock Market is the mitigation of risk through the spreading of investments across multiple entities, which is achieved by the pooling of a number of small investments into a large bucket. Stock Market is the most suitable investment for the common man as it offers an opportunity to invest in a diversified,professionally managed portfolio at arelativily low cost. the review of literature has brought to light that:

- Enlistment of corporate securities in more than one stock exchange at the same time improves liquidity of securities and functioning of stock exchange.
- There is existence of wild speculation in the Indian stock market.
- Risk is not measurable or quantifiable But risk is calculated on the basis of historic volatility
- Stock market movements are largely influenced by , broad money supply, inflamationn, C/D ratio and fiscal deficit apart from political stability.
- Low execution costs make the derivaitives especially futures, very suitable for frequent and short term trading to manage risk, more effectivily.

FUTURE SCOPE

The future scope of stock market exchange is quite promising. With the advancements in technology and the increasing adoption of digital platforms, the stock market exchange is expected to become more efficient, transparent, and accessible.

- Expansion of Global Markets: The stock market exchange is expected to expand globally, allowing investors to trade in markets beyond their geographical boundaries.
- Integration of Blockchain Technology: The integration of blockchain technology can increase the transparency and security of transactions in the stock market exchange.

Overall, the future of the stock market exchange looks promising as it continues to evolve and adapt to changing market conditions and technological advancements.

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Thank You!!!