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SYNOPSIS

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Inventory Management System

Submitted By: Submitted To:

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**Online Trading :**

A online trading allows individuals to trade and manage their investments from smartphones or tablets and laptops, providing real-time access to market data and account information.

**Objective:**

These kinds of platform work with a technology that assists people in complete management of their financial operations even more efficiently. Investment and stock trading apps give complete access to the market. With these apps, users can monitor changes in market activities, get real-time stock quotes, and others.

**Scope:**

1. **Ease of use:** Orders can be placed quickly and effortlessly on online trading. The ease of use is much greater in comparison to desktop terminals.
2. **Analysis and charts:** One of the most useful trading app features is the historical charts and analysis facility that allows you to look at previous indices data, stock prices and provides analytical tools for the same.

**Limitations**:

**1. Connectivity:** Mobile connectivity, while widespread, does not have total coverage in India. In remote regions connectivity disturbances are common, and this may lead to losses during order placements.

**2. Slower speeds:** While high-end mobile devices may have great processing speeds, budget devices typically cannot keep up with them. This can lead to technical issues and can cause disruptions or delays while placing an order.

**Methodology:**

JavaScript is a popular programming language that can be used for algorithmic trading, particularly for building web-based trading applications. JavaScript's libraries such as D3. js, Highcharts, and Chart. js are particularly useful for building interactive charts and visualizations for financial data.

**Proposed System:**

The Proposed Inventory Management will provide a user-friendly web based interface that allows users to input and manage inventory data. The system will maintain an up-to-date inventory database, enabling users to track products, quantities, suppliers and pricing. It will also include features for generating reports and analytics to aid in making informed decision regarding Inventory management.

**Features:**

1. **Ease of use:** Orders can be placed quickly and effortlessly on online trading . The ease of use is much greater in comparison to desktop terminals.
2. **Live portfolio review and market updates**: Using a mobile trading app, you can view market data such as shares, commodities, stock indices, etc on the go at all times. You can also keep track of your portfolio, its underlying assets and performance so far.
3. **Notification feature:** One of the winning features of share market apps is the notification feature. No matter where you are, the app will send you alerts to notify you about the latest events in your portfolio as well as broker recommendations.
4. **Related news updates:**  Users can also track live updates on developments related to a particular stock or segment on online trading apps.
5. **Research reports:** Trading apps also offer insight from experts or brokerage firms in the form of the up-to-date research reports.
6. **Analysis and charts:** One of the most useful trading app features is the historical charts and analysis facility that allows you to look at previous indices data, stock prices and provides analytical tools for the same.

**Implementation Plan:**

**1.Project Initiation and Planning:** 2 Days.

**2.Frontend development :** 4 Days.

**3.Backend development :** 4 Days.

**4. Integration and Testing:** 2 Days.

**5.Deployment :** 1 Days.

**6.Documentation and Project Completion** : 2 weeks.

**Team Members:**

Mr. Aditya Rai (2115000074) – Reports and Presentation

Mr. Priyanshu Chauhan(2115000778)- Support for Front End and Report

Mr. Deepak(2115000315)-Backend Development(Database)

Mr. Shiv Kumar Dixit(2115000944)-Front End Development

**Resources Required:**

For coding we will need vs code, Microsoft SQL Server Management Studio 18, Visual Studio Installer, Microsoft Office for Presentation.

**References:**

ChatGPT, Google, YouTube etc.

**Expected Outcomes:**

A mobile trading app allows individuals to trade and manage their investments from smartphones or tablets, providing real-time access to market data and account information.

**Project Supervisor:**

Mr. Akash Chaudhary

**Conclusion:**

Stock means ownership. As an owner, you have a claim on the assets and earnings of a company as well as voting rights with your shares. This platform will allow you to see market and buy or sell your shares