SHARE BROKER TRADING SYSTEM

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ABSTRACT

This project describes the development of project "**SHARE BROKER TRADING SYSTEM**". A real-time online stock trading system is being built using ASP.NET, HTML, CSS, Bootstrap, JavaScript, jQuery, and Entity framework technologies. Three tiers make up this application's architecture. Additionally, a web application, business logic, and a database are involved. Additionally, it is implemented using the Entity Framework, and all of the data is kept in an MS SQL Server database. The application's queries are written using LINQ (Language-Integrated Query).

I.   INTRODUCTION

If we want to invest in stocks, we have to do it through stock exchanges. There are many stocks exchange in the world example Iraq Stock Exchange (ISX) in Iraq. However, for a common man, it is not possible to buy stocks directly from the exchange.

They need a middleman to make the trade such middlemen are called as 'Share Brokers' or 'Stock Brokers'. The role of a Share Broker is to make easier of buying and selling of stocks at the stock markets, on behalf of investors. There are many stocks brokerage firms through which we can trade in stock exchanges. The internet arrival and its popularity have made online trading, which is about the purchase of stocks and sale of stocks through online is one of the most popular way of trading.

II.   METHODOLOGY

It is the most typical method for converting a fresh or modified framework plan into a workable one. Assuring that there won't be any disruptions to the association's functioning is an essential component of the execution cycle. The easiest way to gain control while integrating any new framework is to use meticulously planned tests to evaluate each new programme.

Before using creation documents to test live content, text records should be created on the old framework, copied over to the new framework, and utilised for the initial trial of each programme. the most important step in creating a successful framework and assuring the client that the new framework is practical and attractive is execution. the running of a modified programme to replace an existing one. Given that the framework has not undergone any significant changes, dealing with this type of conversation is reasonably straightforward.

III.   MODELING AND ANALYSIS

Identify Objectives: At the beginning of each phase, the objectives are specified and examined along with the requirements that have been obtained from the consumers. Then, other solutions for the phase that are suggested in this quadrant are possible.

Perform and Risk Analysis: To choose the optimal option, all potential solutions are assessed during this step. The hazards connected to that solution are then determined, and the appropriate approach is taken to address them. The Prototype for the ideal solution is built at the conclusion of this phase.

Review And Evaluate: The selected features were developed during the third phase and tested to ensure their validity. The following software version is accessible after this stage.

Develop and Test: In the last phase, the Customers evaluate the developed version of the software.

IV.   RESULTS AND DISCUSSION

Designing and developing applications

A web developer will provide you with consistent performance from designing the application, planning a timeline, and developing any complicated application within a short time compared to any other native apps out there.

Write clean code

It is a fact that an expert web developer will write a readable and comprehensive clean code. This will help scale the web application faster, allowing the development team to invest significantly less time in its operation.

Take part in the development lifecycle

While creating a web application, it will be imperative for a web developer to work with QA engineers, UI/UX designers, project managers, and others. Consequently, a competent web developer is imperative for producing better results, and he should be able to cooperate with all the other members. Apart from this, they should also function as specialists for predicting timeline estimations for the production of the project.

Fix bugs

The QA engineers will conduct several tests to identify any malfunction or bug after completing the production of every single feature. Working with a competent web developer will enable you to fix any issues once identified during the testing stage.

Investigate technologies

At present, the IT industry is making continuous advancements while innovations are being introduced from time to time. In this way, it would be possible for the web developers to provide you with their knowledge plus creativeness for expanding and enhancing your application design.

V. CONCLUSION

The manual procedure of selling equity shares to citizens has grown increasingly difficult today. The primary goal of this web application is to save the user's time and effort, and the key benefits of this website include flexibility, a reliable and efficient way to apply for the online trading market committee records, and a reduction in manual work. The latest idea in the stock market is online stock trading. The world of online trade is still in its infancy. Online trading has made stock market trading simple, and customers may now trade while relaxing at home. People can now easily enter the stock market. One of the main issues is that most consumers are not fully informed about online stock trading. They find it challenging to trade because a mistaken entrance could result in significant losses.

VI. REFERENCES

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