SCENARIO 2 STOCK BUDDY

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Stock Buddy provides an interface to its users where they can carry out paper trade involving stock market. So far stock buddy has the following features:

I. Login Page:

Existing users can login by using their credentials which are created by the users when they register for an account. If the credentials are correct, the user is taken to the welcome page. Otherwise, if the credentials do not match, an error message prompt is shown.

New users can register via the register button on the login page. This will take them to the registration page where they can enter the necessary fields in order to create a new account

New feature: Existing users are provided with an option to update their information. If the update button is selected, the users will be taken to the update page in which they can make changes to their information. However, in order to confirm the changes, the user will need to login again.

II. Registration page:

New users create an account in order to access Stock Buddy.

New feature: If the user enters a username that exists in the database, an error message prompt will appear, informing the user to select a different username.

III. Update Page:

An exisiting user can update his information and then will be prompted to login again in order to continue

IV. Welcome page:

The welcome page displays two tabs, "Investment History" and "Current Stock Rate". Investment History contains up-to-date information about the stocks invested by the user as well as the rise and fall of his stock rates. Current Stock Rate contains the current stock rates of the companies and their available stock volumes with the high, low, opening and closing amount. It will also contain the percentage increase and decrease in the stock rates in the last week, month or year. Additionally, the user can perform market analysis based on the given information.

New Feature: Investment History

a. The user can select a company from the dropdown box to view further details on the stocks in which he invested.

b. The remaining balance of the user is also reflected on this page.

New feature: Current Stock Rate

Users can select a company from a dropdown box to view additional stock details.

V. Prompt Page

A prompt message appears to the user asking to buy or sell stock. Either choice will take the user to their respective pages.

VI. Sell Page

The user can select specific stocks from his inventory to sell. A table displays the companies in which the user has invested stocks in. By double clicking on a company, some information fields (company name, cost, and the amount of stock the user has invested for the company) are automatically filled. The user can decide whether they want to sell his stocks. If he decides to, the user can enter the amount of stocks he would like to sell, but can only do so for one company at a time. Once the process is finished, the user can continue to the summary page.

VII. Buy Page

The user can choose the type and amount of stock he wants to buy from the market. A table will display all available companies and the user can double click to view the stock information. This will automatically fill some information fields: company name, cost, and amount of available stock. If the user is ready to buy stocks, he can only enter the desired amount from one company at a time. Once the user is finished, he can proceed to the summary page.

VIII. Summary Page

This page contains the summary of the transaction the user wishes to commit.

New feature: This page will contain the number of stocks the user currently has, the number of stocks he wishes to buy or sell, the cost involved and the total balance that the user will be left with after the transaction.

The user can either choose to commit or go back. If the user goes back, he can change the transaction as he wants and then commit it. Once the user commits, the user is directed to the receipt page.

IX. Receipt Page:

The user is displayed a receipt of the transaction, including the username, amount spent, the stocks involved, and a thank you message.

The user can log out after this or continue buying more stocks by pressing the back button or logging in once again. However, the user cannot undo a committed transaction.