

1 User Guide for the Stock Market Simulator.



figure 1

1.1 Introduction.

The user guide of the online Stock master simulator gives a precise description of the system to the users. The target audience of this user guide is the People who new to stock market and interest in improving knowledge about stock market.

The user guide is written in a simple format with many screenshots to make it more clear. Step by step images and relevant description is used, so for the users who are new to stock market can quickly get used to it. This guide provides information from the very basic account sign in.

1.2 Loading data.

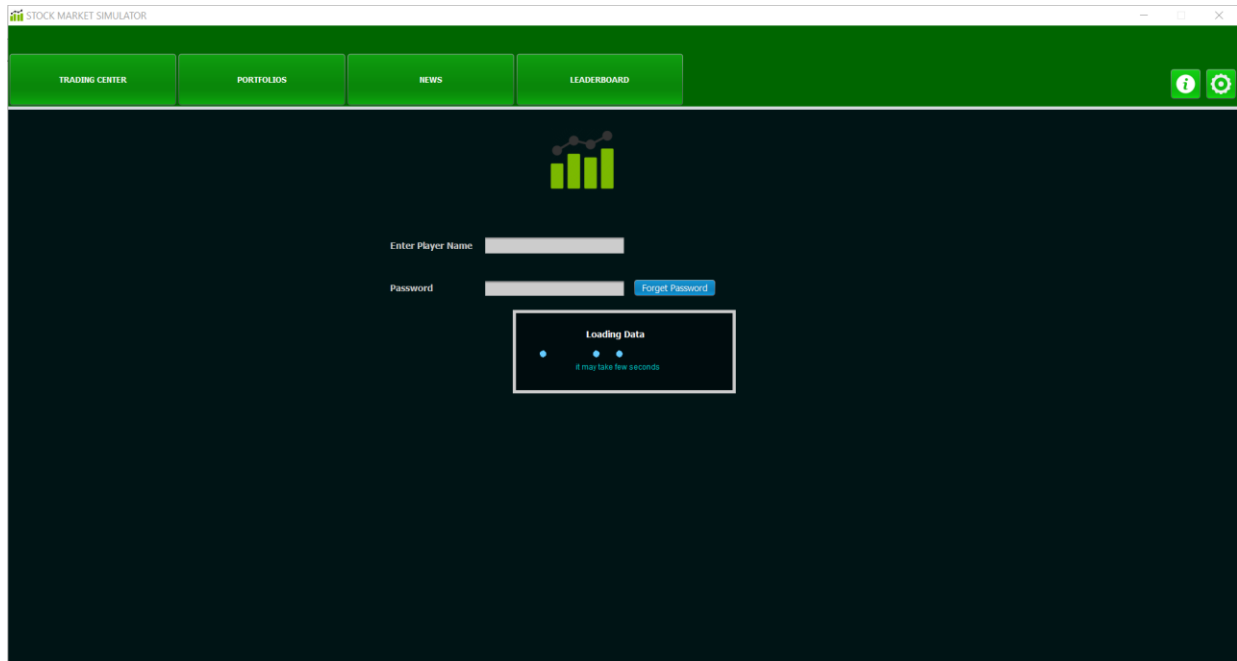
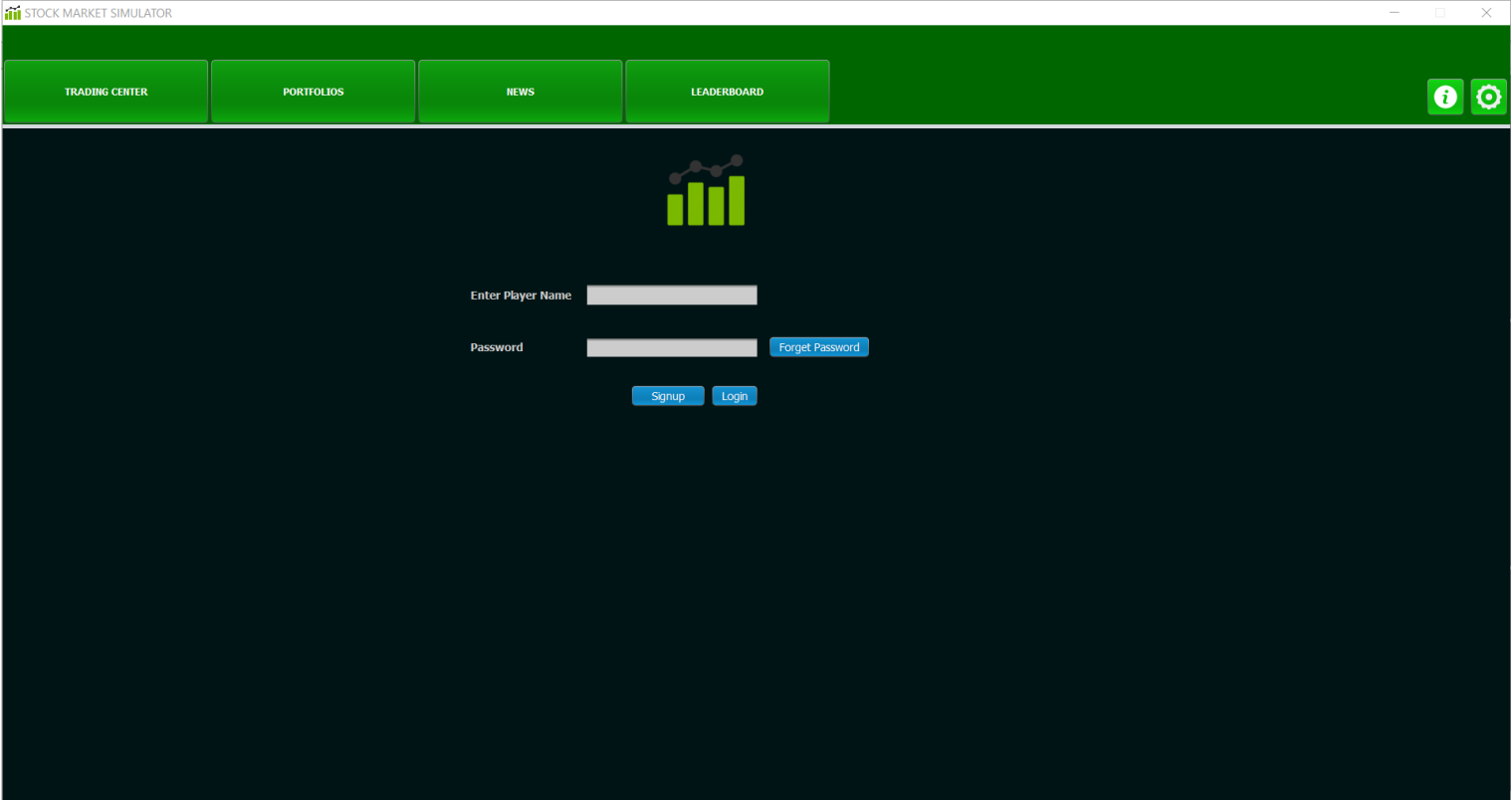


figure 2

- This may take a while to load data and set user to sign up or log in.

1.3 Sign up/Log in.

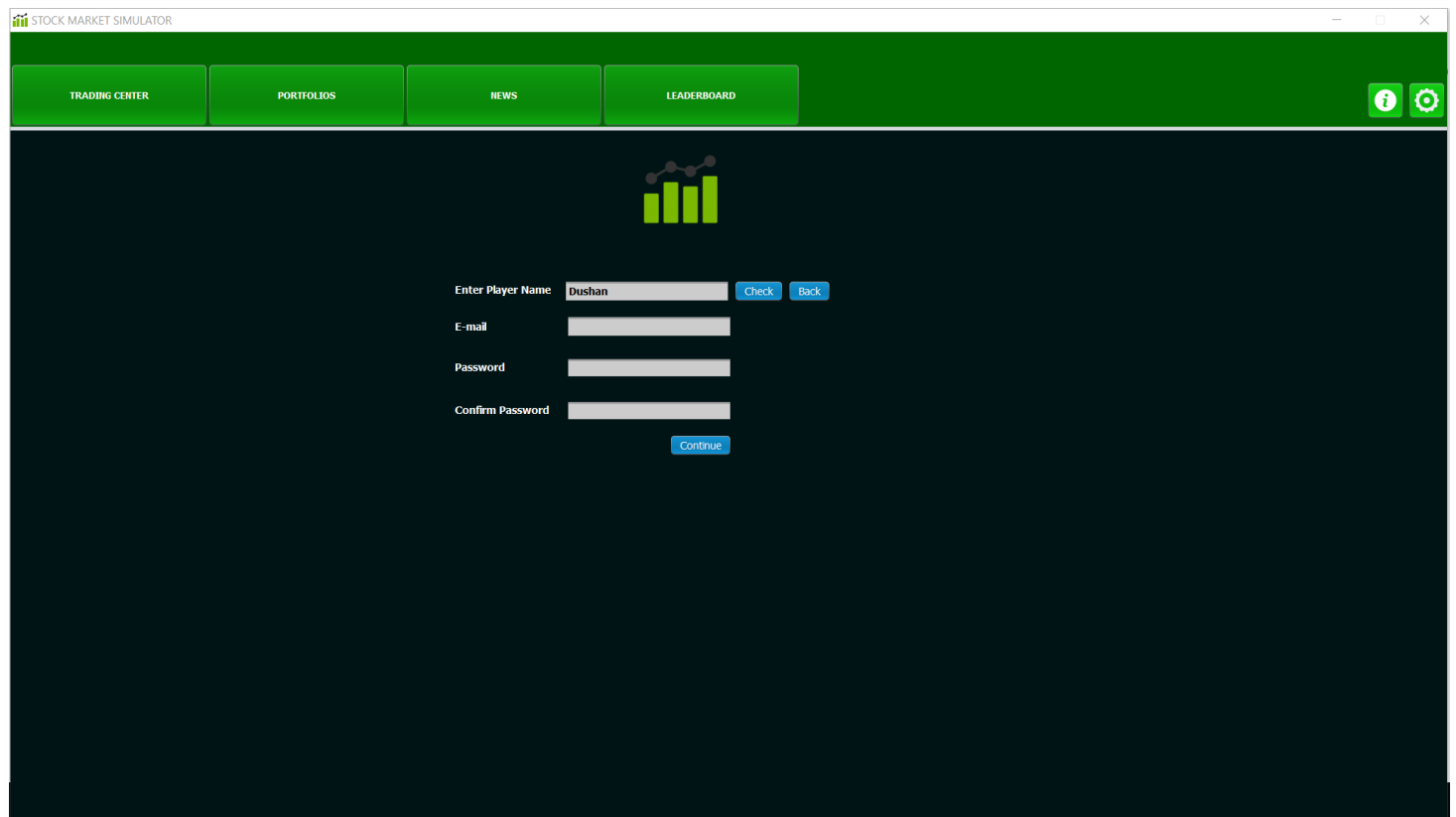


The screenshot shows a web application titled "STOCK MARKET SIMULATOR" in the top left corner. The interface has a dark green header bar with four main navigation buttons: "TRADING CENTER", "PORTFOLIOS", "NEWS", and "LEADERBOARD". On the right side of the header, there are two smaller icons: an information icon (i) and a settings icon (gear). Below the header, the main content area has a dark blue background. At the top center of this area is a small line and bar chart icon. Below the chart, there is a form for user authentication. The form includes two input fields: "Enter Player Name:" and "Password:". To the right of the "Password:" field is a blue button labeled "Forget Password". Below the input fields are two blue buttons: "Signup" and "Login".

Figure 3

- In this section, You can sign up if you are a new player. If you have already signed up, you can log in by entering player name and password

1.4 Signing up.



The screenshot shows a web application titled "STOCK MARKET SIMULATOR" in the top left corner. The interface has a dark green header bar with four navigation buttons: "TRADING CENTER", "PORTFOLIOS", "NEWS", and "LEADERBOARD". On the right side of the header, there are two circular icons: one with an 'i' (info) and one with a gear (settings). Below the header, the main content area has a dark blue background. At the top center of this area is a small icon of a bar chart with a line graph. Below the icon, there is a sign-up form with the following fields and buttons:

- "Enter Player Name" with the text "Dushan" entered, followed by "Check" and "Back" buttons.
- "E-mail" with an empty text input field.
- "Password" with an empty text input field.
- "Confirm Password" with an empty text input field.
- A "Continue" button located below the "Confirm Password" field.

Figure 4

- In this section you should enter a name you want as the player name, your email and password. And continue to the game.

1.5 Trading Center.

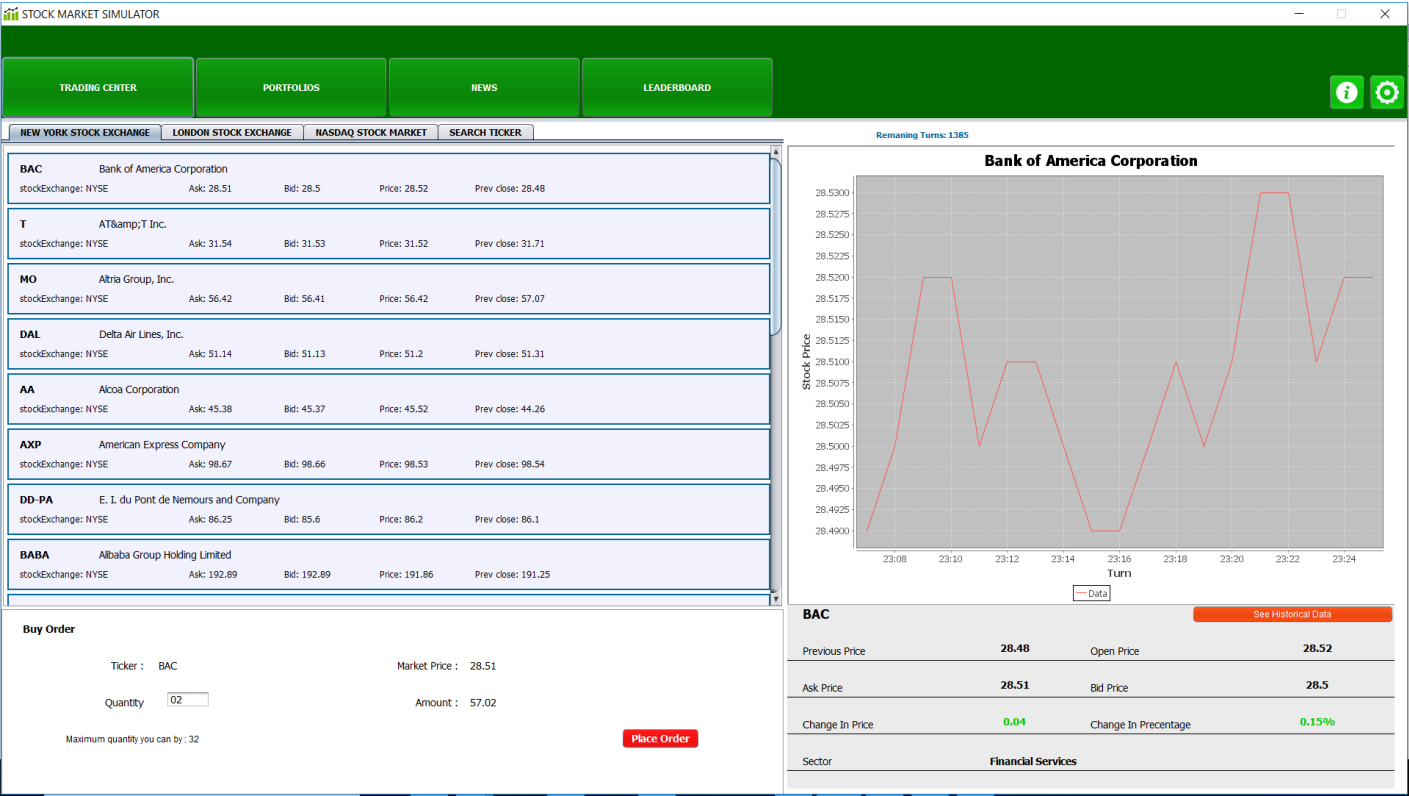


Figure 5

- After logged in, The Trading center is opening. After clicking any of this companies, line chart will be displaying.

- In this section below, you can see the stock values and 20 companies of 3 stock markets and also you can search companies by their stock symbol.

NEW YORK STOCK EXCHANGE		LONDON STOCK EXCHANGE		NASDAQ STOCK MARKET		SEARCH TICKER
AAPL	Apple Inc.					
stockExchange: NasdaqGS		Ask: 184.94	Bid: 184.92	Price: 184.92	Prev close: 185.46	
AMZN	Amazon.com, Inc.					
stockExchange: NasdaqGS		Ask: 1717.0	Bid: 1715.67	Price: 1715.67	Prev close: 1730.22	
GOOG	Alphabet Inc.					
stockExchange: NasdaqGS		Ask: 1154.97	Bid: 1151.11	Price: 1155.48	Prev close: 1157.66	
AMAT	Applied Materials, Inc.					
stockExchange: NasdaqGS		Ask: 47.94	Bid: 47.9	Price: 47.96	Prev close: 48.99	
AMGN	Amgen Inc.					
stockExchange: NasdaqGS		Ask: 186.5	Bid: 184.55	Price: 185.15	Prev close: 185.99	
AAL	American Airlines Group Inc.					
stockExchange: NasdaqGS		Ask: 41.46	Bid: 41.05	Price: 41.35	Prev close: 41.49	

Figure 5.1

- In line chart below you can see the ups and downs of the company you select.

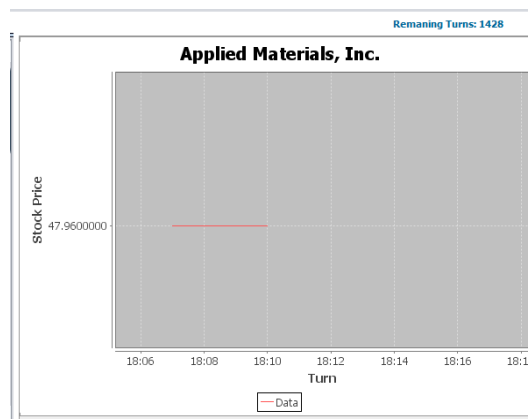


Figure 5.2

- In this section below, you can see more financial details about the company you select.

AMAT		See Historical Data	
Previous Price	48.99	Open Price	49.40
Ask Price	47.94	Bid Price	47.9
Change In Price	-1.03	Change In Percentage	-2.1%
Sector	Technology		

Figure 5.3

- After clicking “See historical data” button, you are directly involved with this interface mentioned below in figure 5.3.1

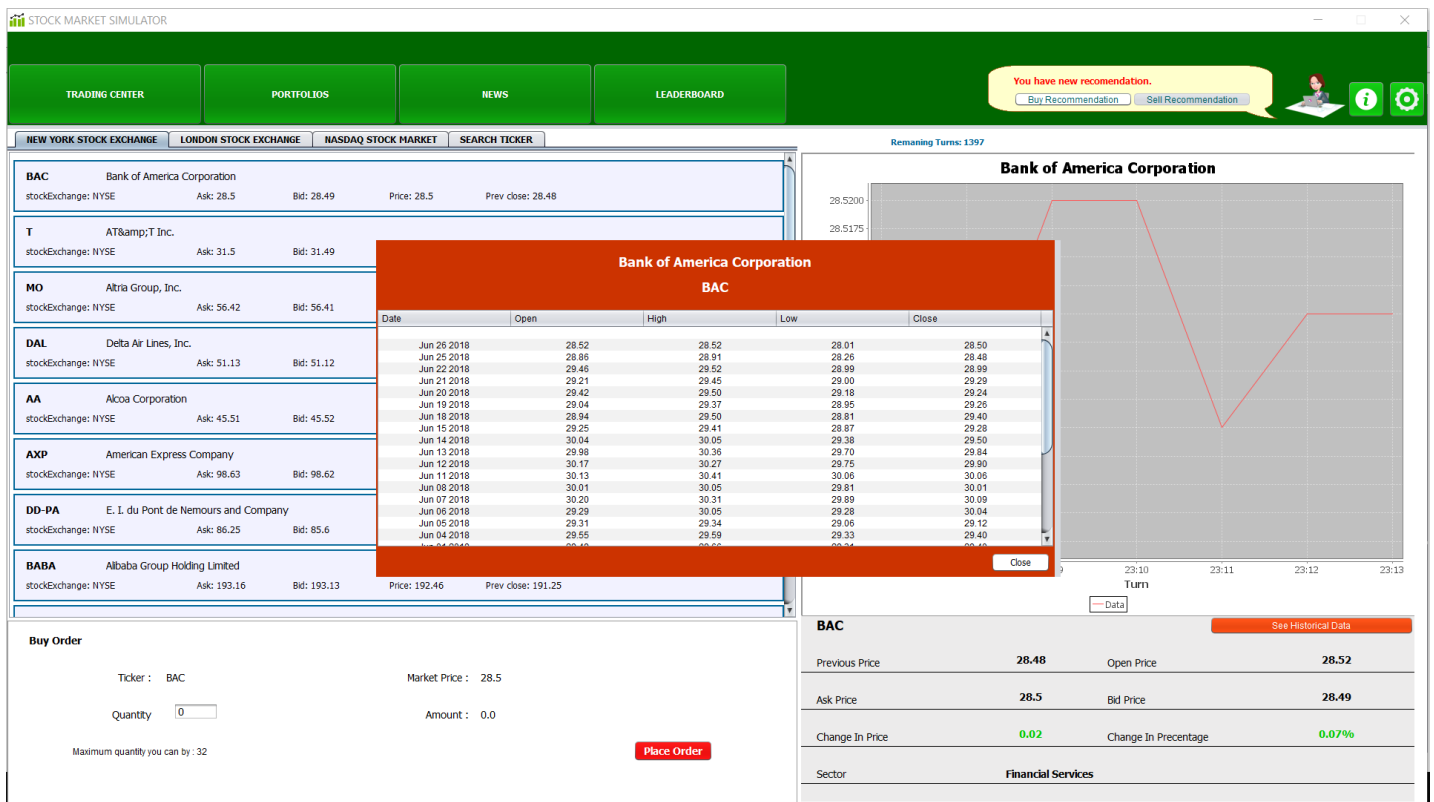


Figure 5.3.1

- In this section below, you can enter the stock amount you want and place order, if the automatically calculated amount according to the quantity and market price are match with you.

Buy Order
Ticker : AMAT
Market Price : 47.94
Quantity Amount : 0.0
Maximum quantity you can by : 20

Figure 5.4

1.6 New York stock exchange, London stock exchange, Nasdaq stock exchange

- Click the " New York Stock Exchange, London Stock Exchange, Nasdaq Stock Exchange " buttons to view stock values of 20 companies in each stock exchange.
- And all the processes mentioned in figure 1 can done here in each Stock Exchange.

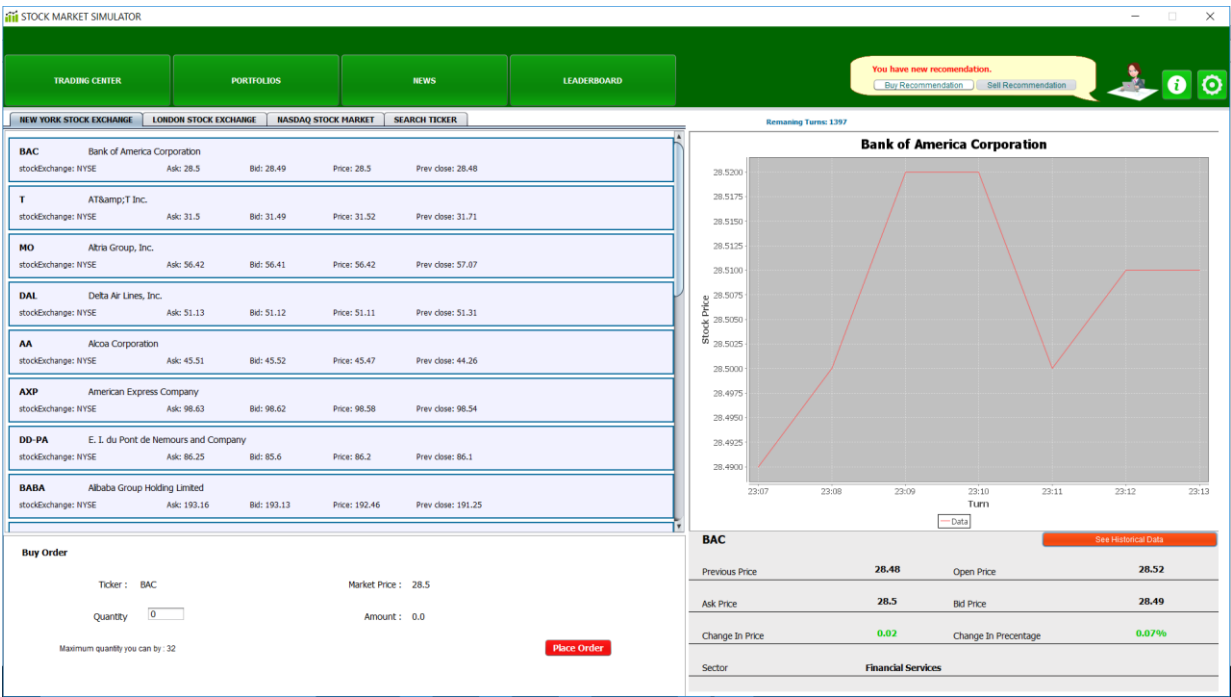


Figure 6

1.7 Search Ticker

- Click the " Search Ticker " button to search stock values of companies that you want by entering their stock symbol in the text box and pressing Search Stock button you can immediately search.
- And all the processes mentioned in figure 1 can done here in each Stock Exchange.

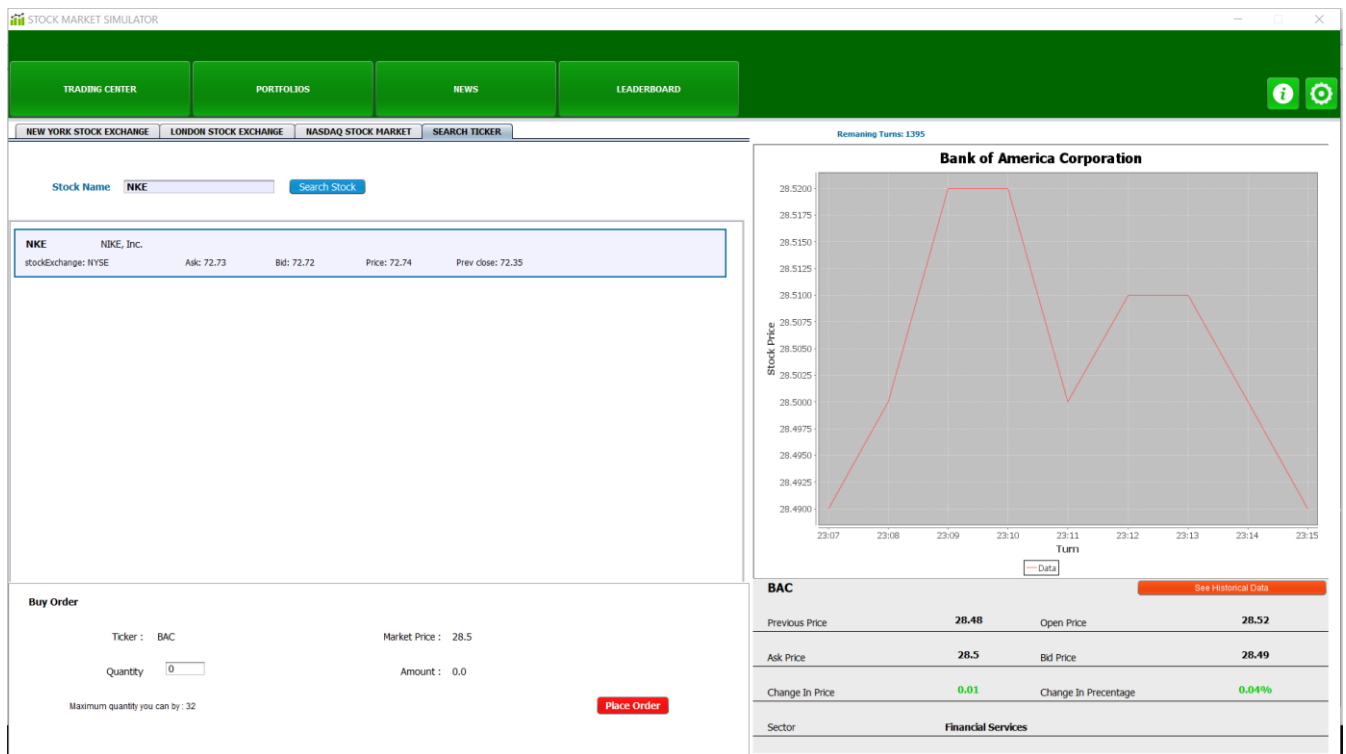


Figure 7

1.8 Place Order.

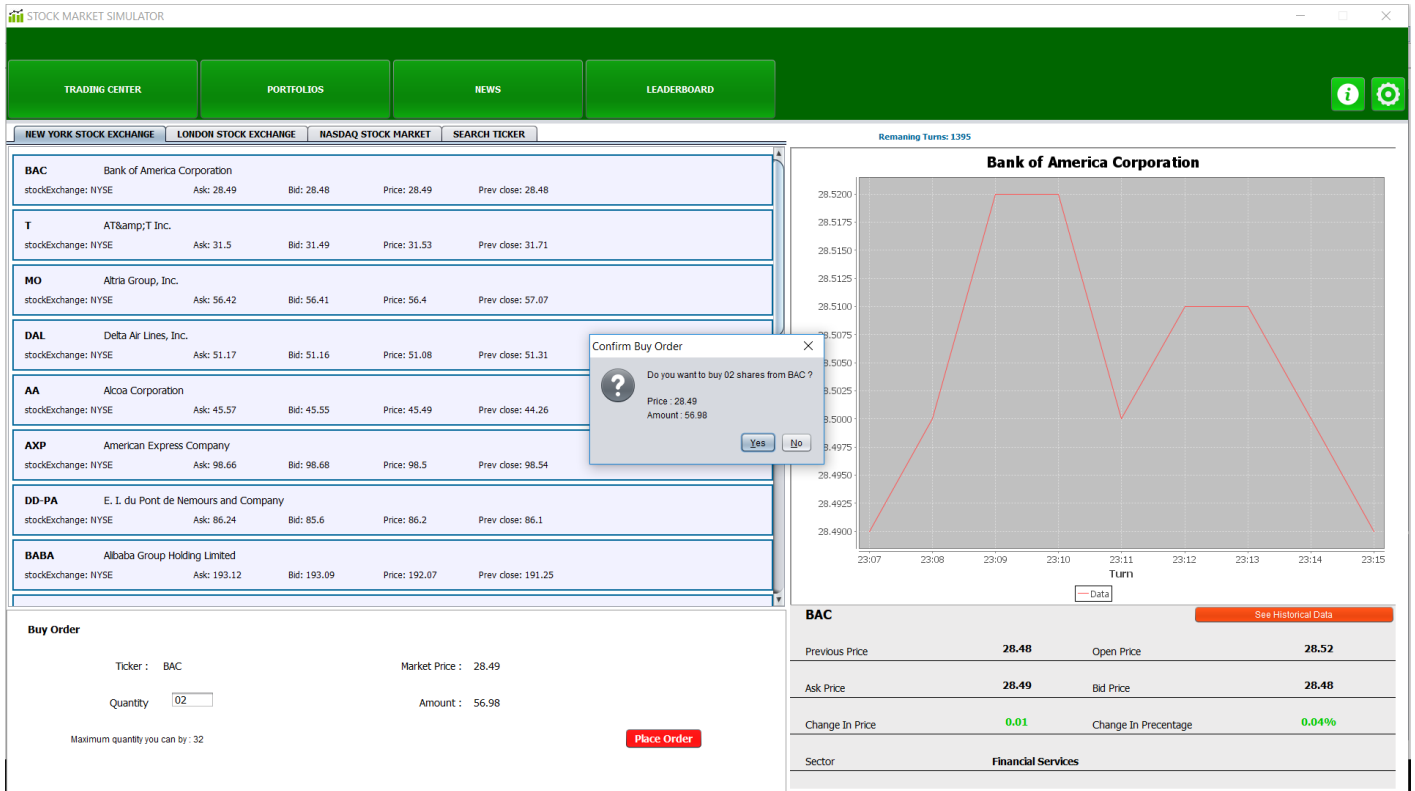


Figure 8

- After selecting the stock, you want and entering the quantity you want you can click the place order button. Then you will have that stock and confirmation message will display. You can either accept it or change you mind there.

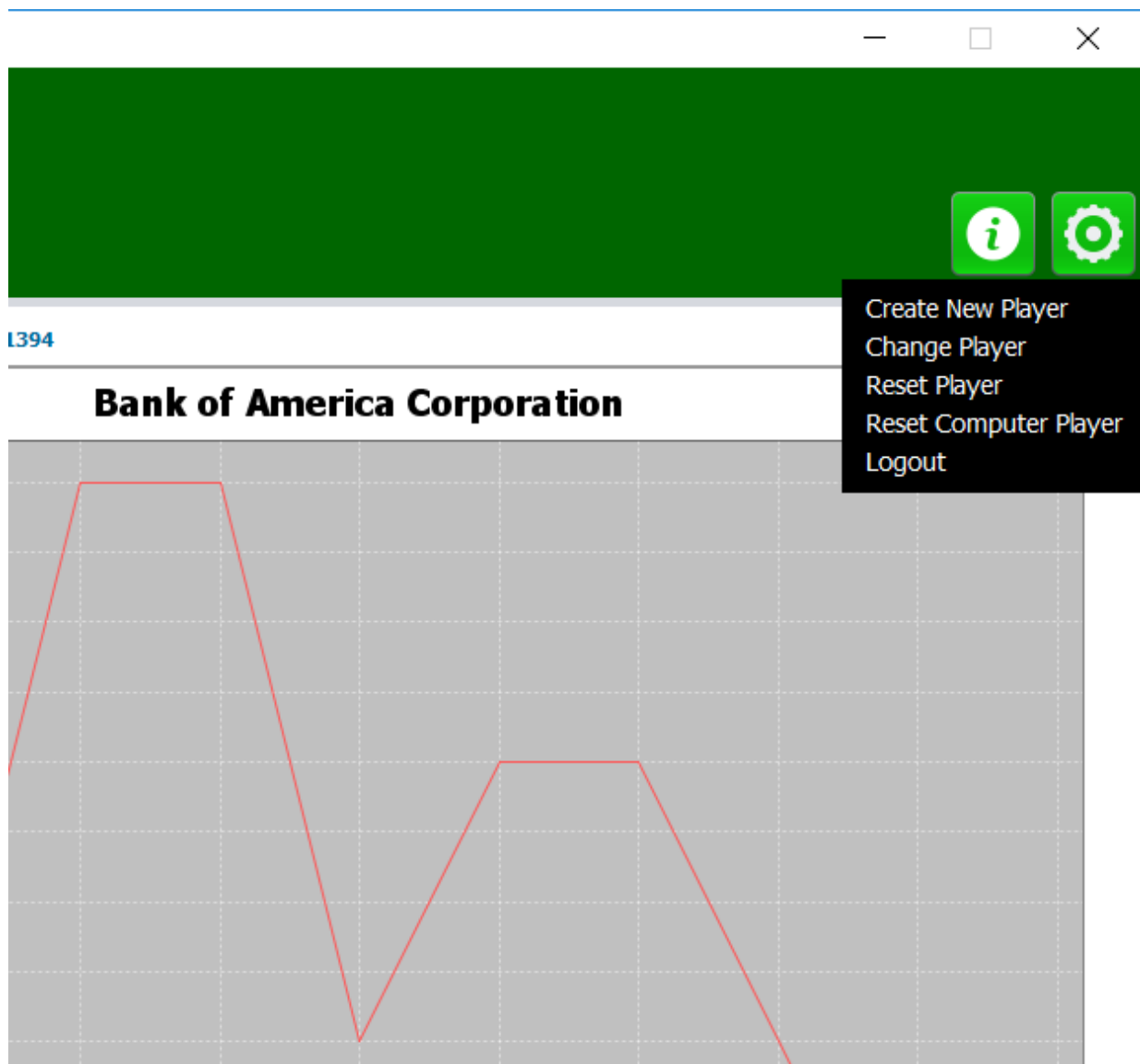


Figure 9

- In this section you can create new player like before mentioned and change player, reset player, reset computer player and log out.

- Change player

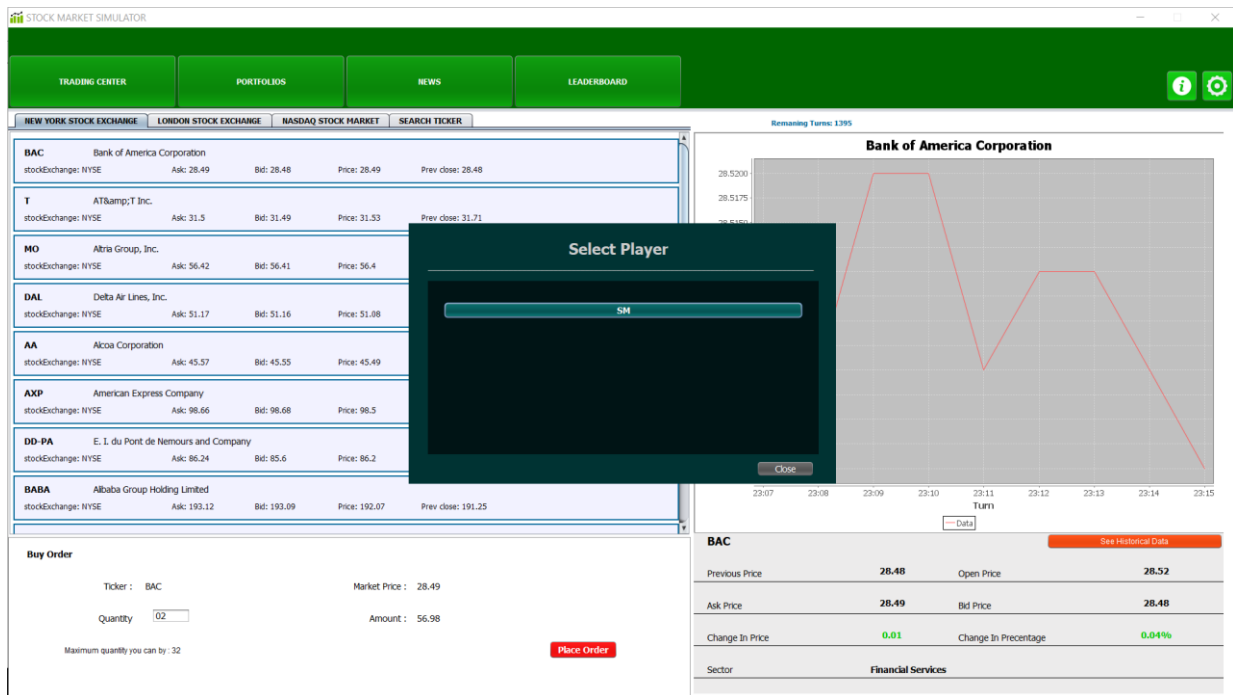


Figure 9.1

- this section user can change his accounts.
- After that password is essential. Then you can swap accounts(players)

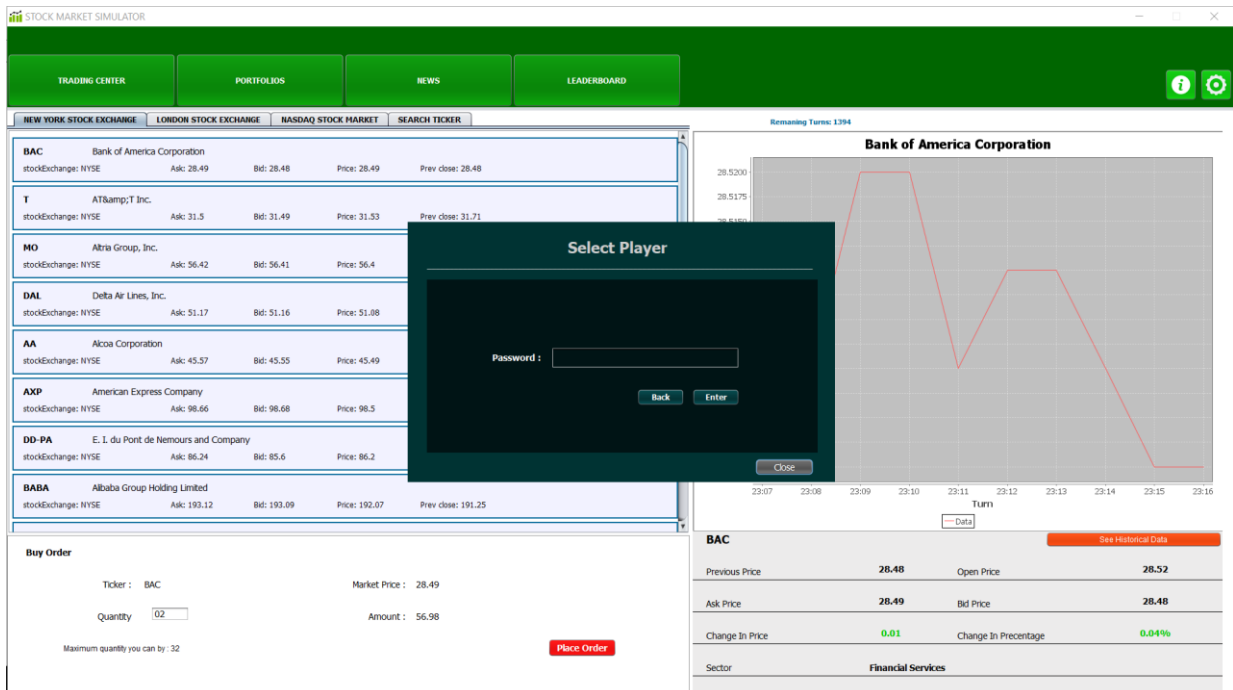


Figure 9.1.1

- Reset player.

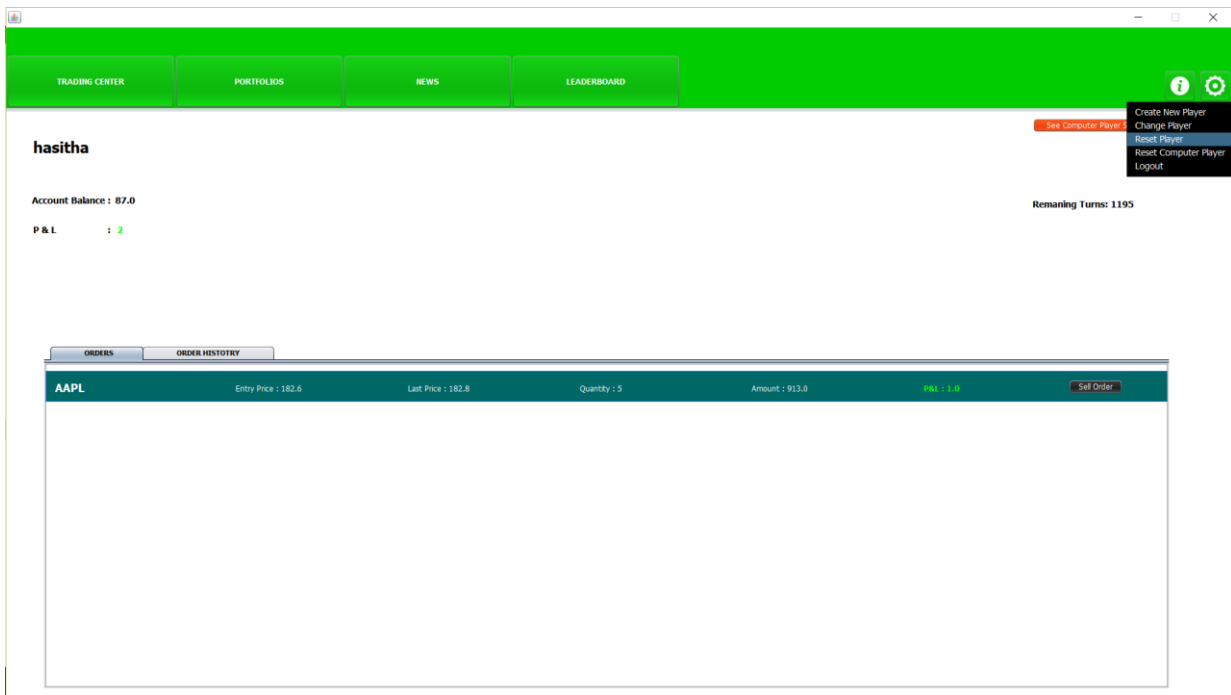


Figure 9.2

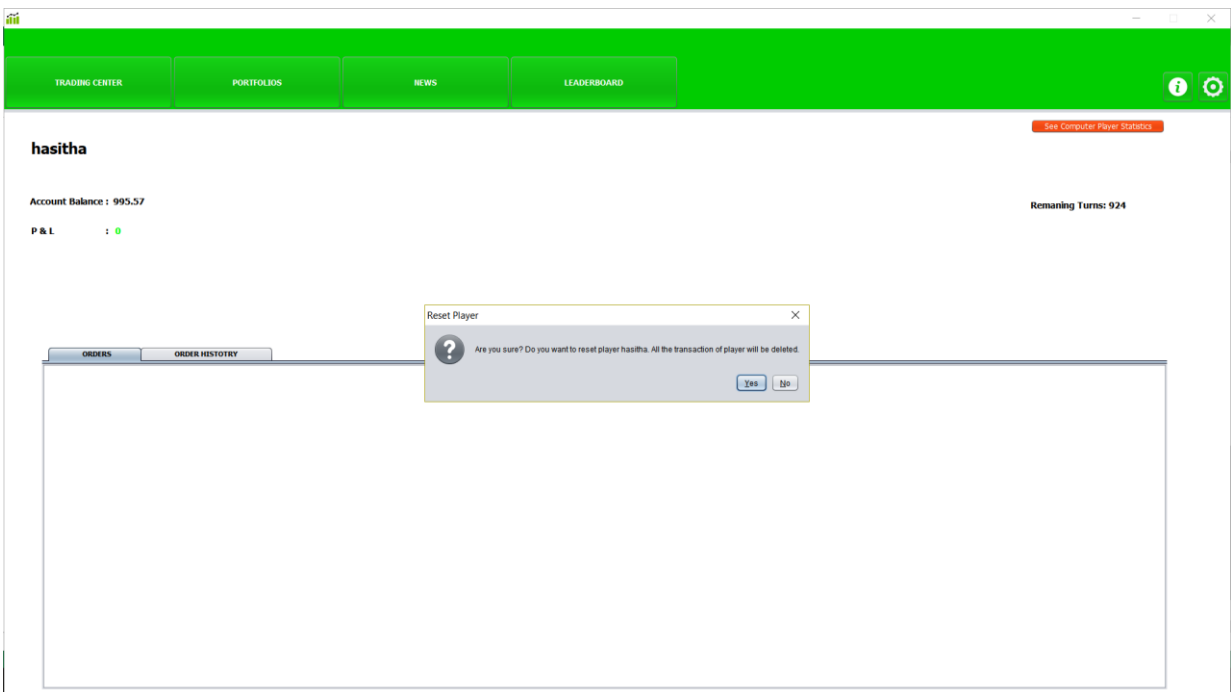


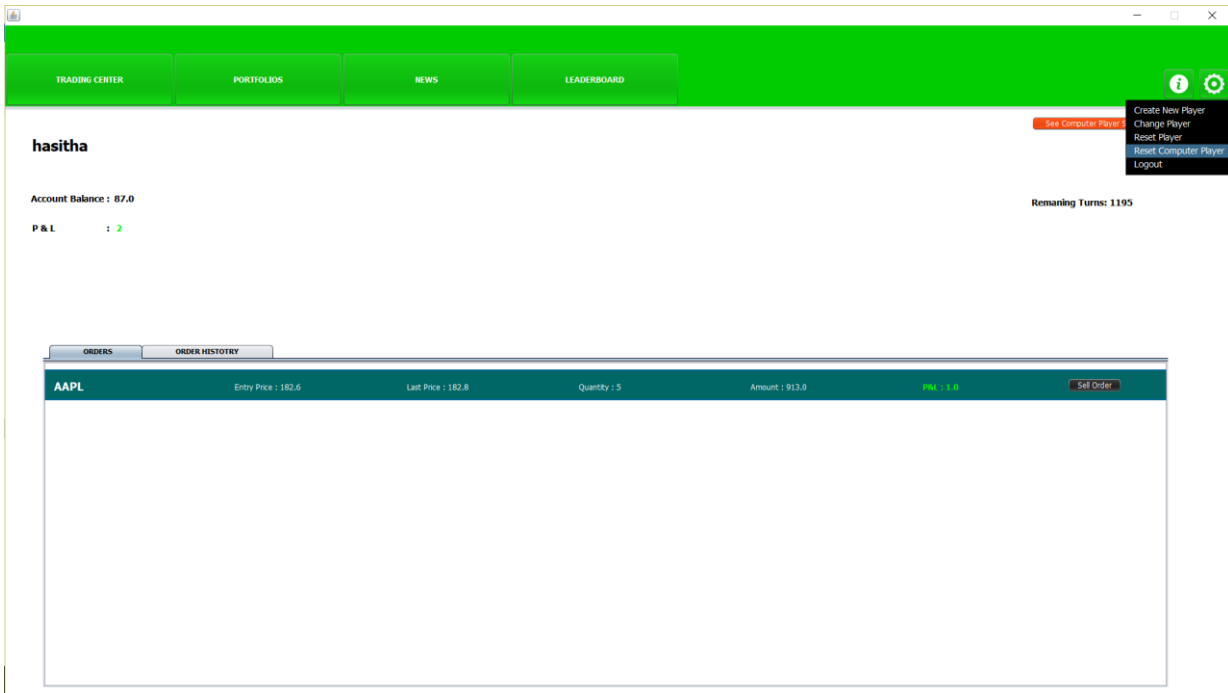
Figure 9.2.1



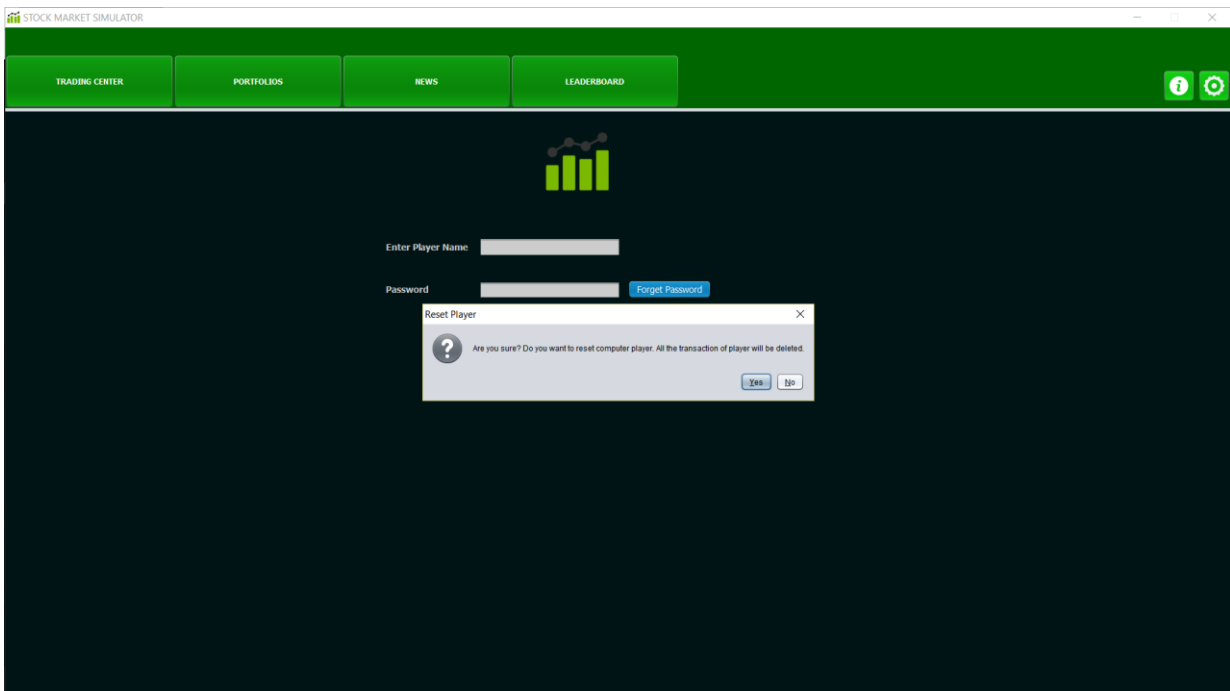
Figure 9.2.2

- In this section user can reset their accounts.

- Computer player reset.



9.3



9.3.1

- In this section user can reset computer player.

1.10 Portfolios.

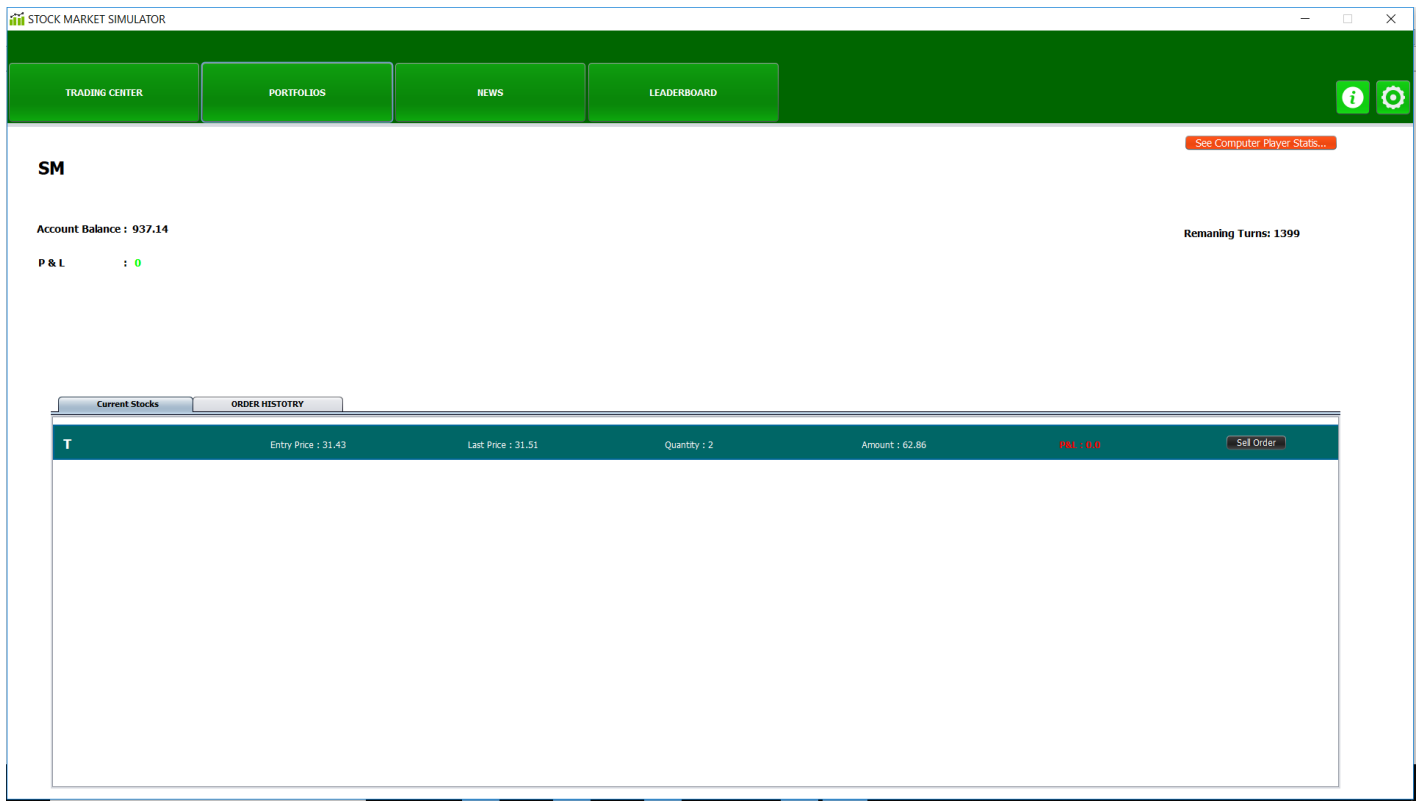


Figure 10

- In this section user can see current stock you have, remain turns, account balance and order history. Also, user can see computer player's status.

- Sell order

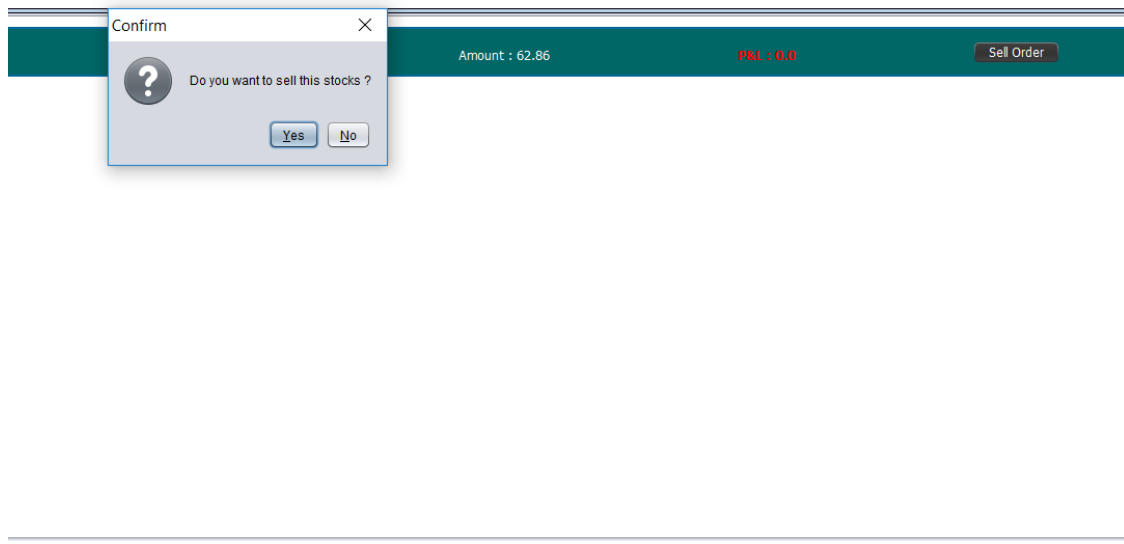


Figure 10.1

- In this section user also can sell their stocks by clicking sell order button

- Order history.

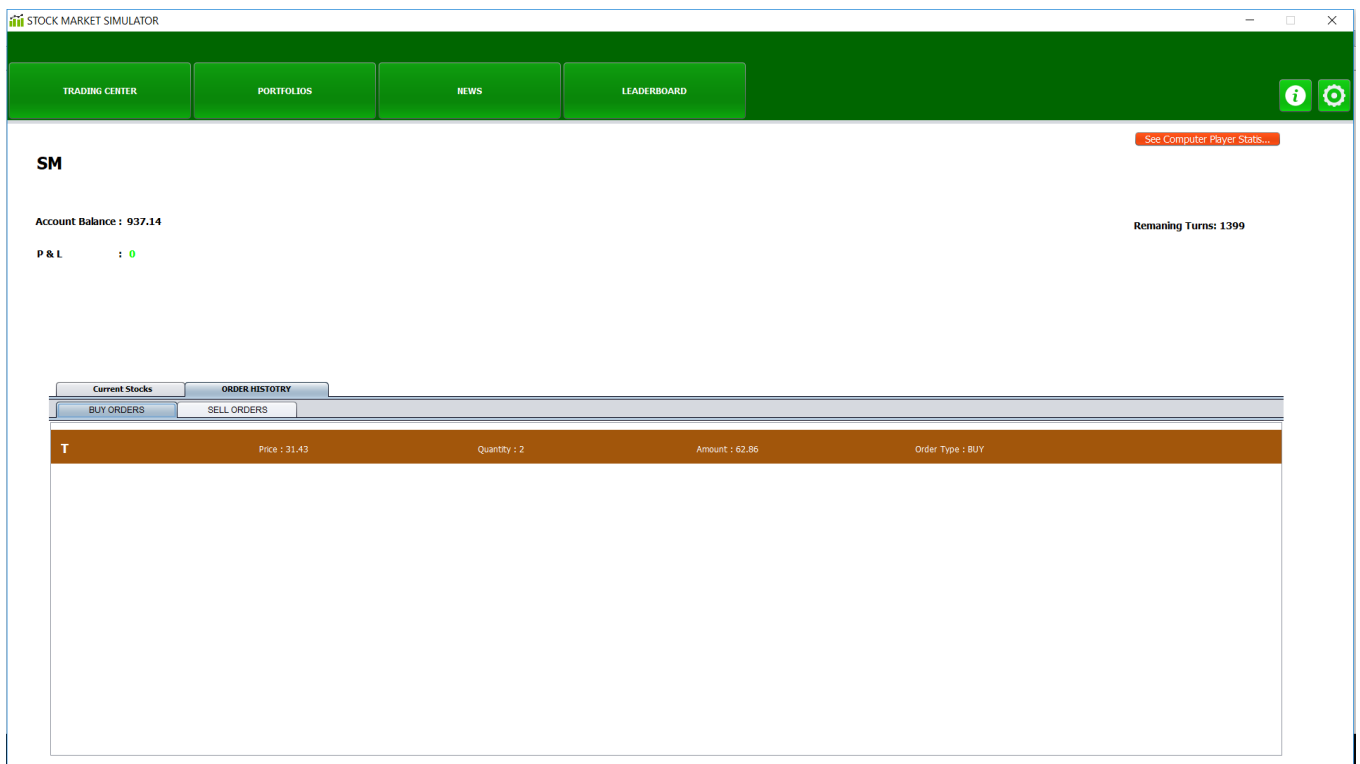


Figure 10.2

- In this section user can see his order history, (buying and selling).

1.11 News.

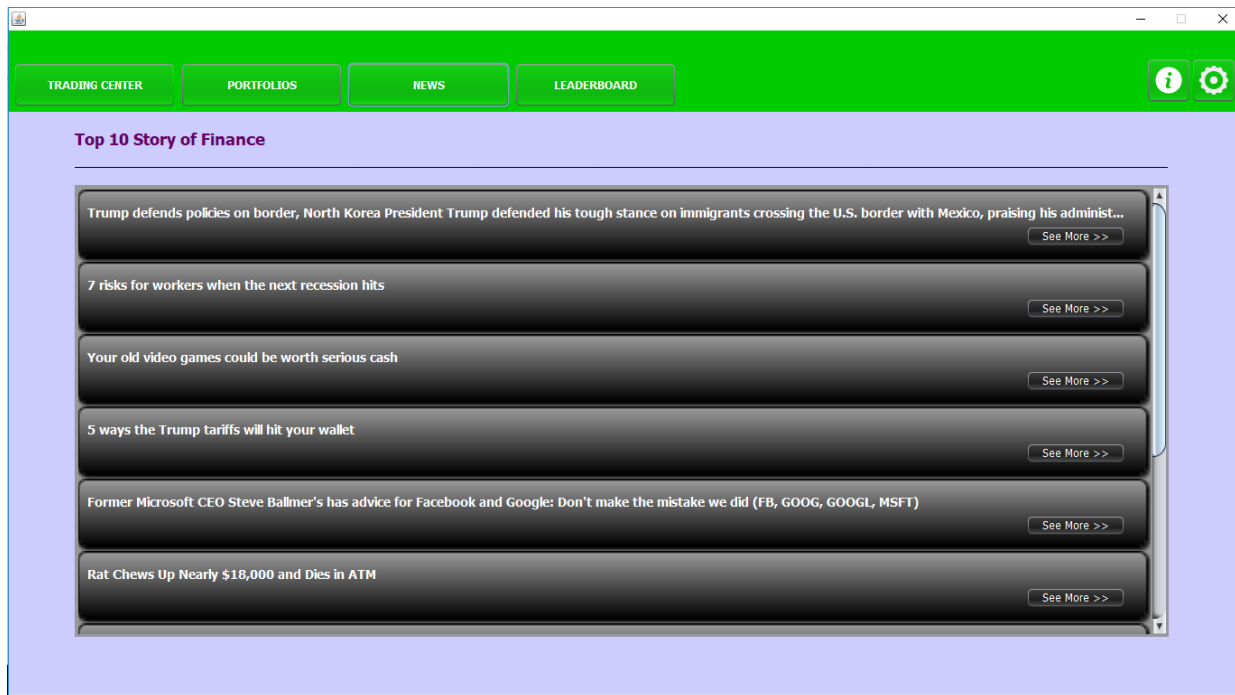


Figure 11

- User can see latest stock market news.clicking on see more buttons

1.12 News.

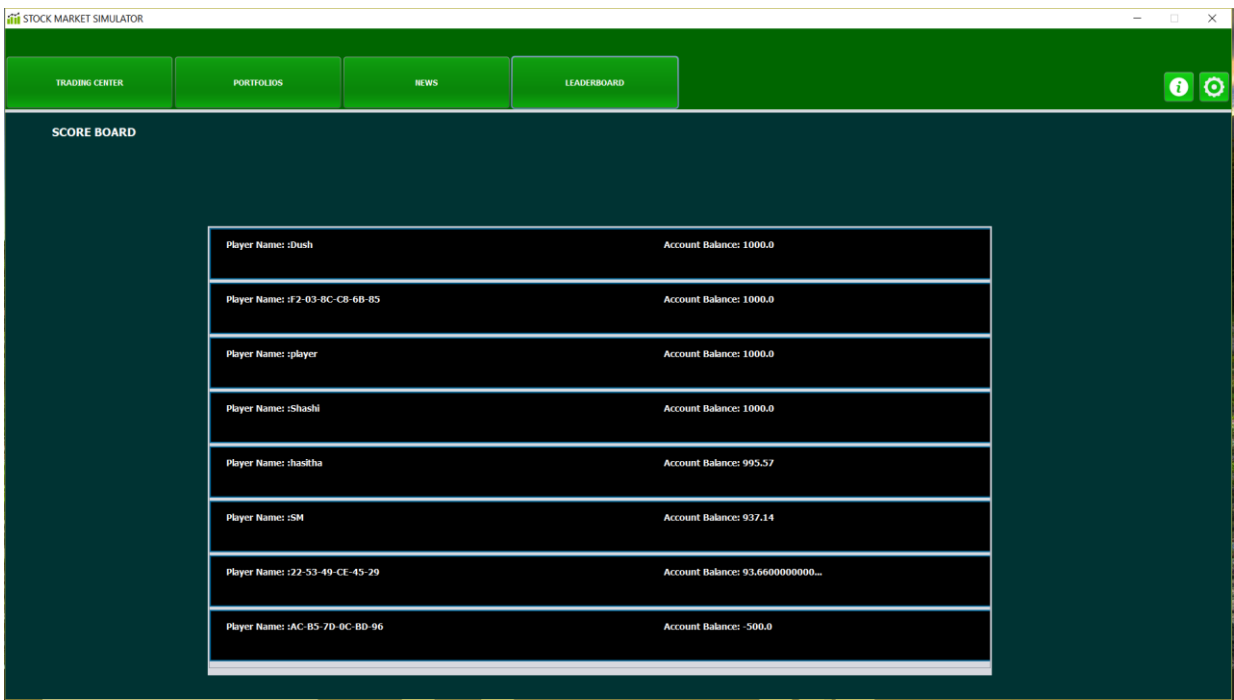


Figure 12

- User can see the most successful player from top to bottom

1.13 News.

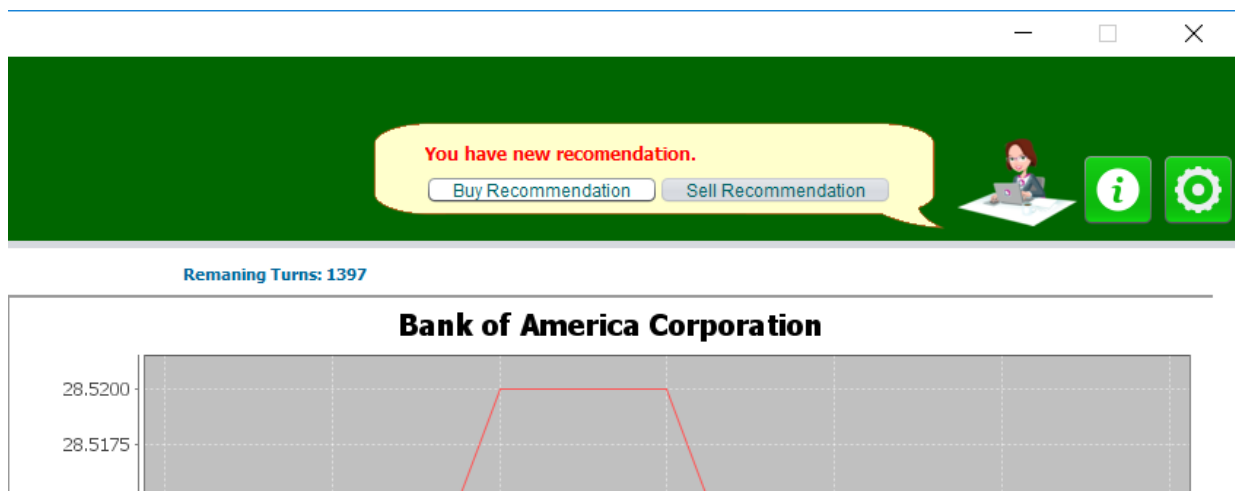


Figure 13

This will pop up in every ten minutes time. It recommends user the ones to buy and ones to sell.