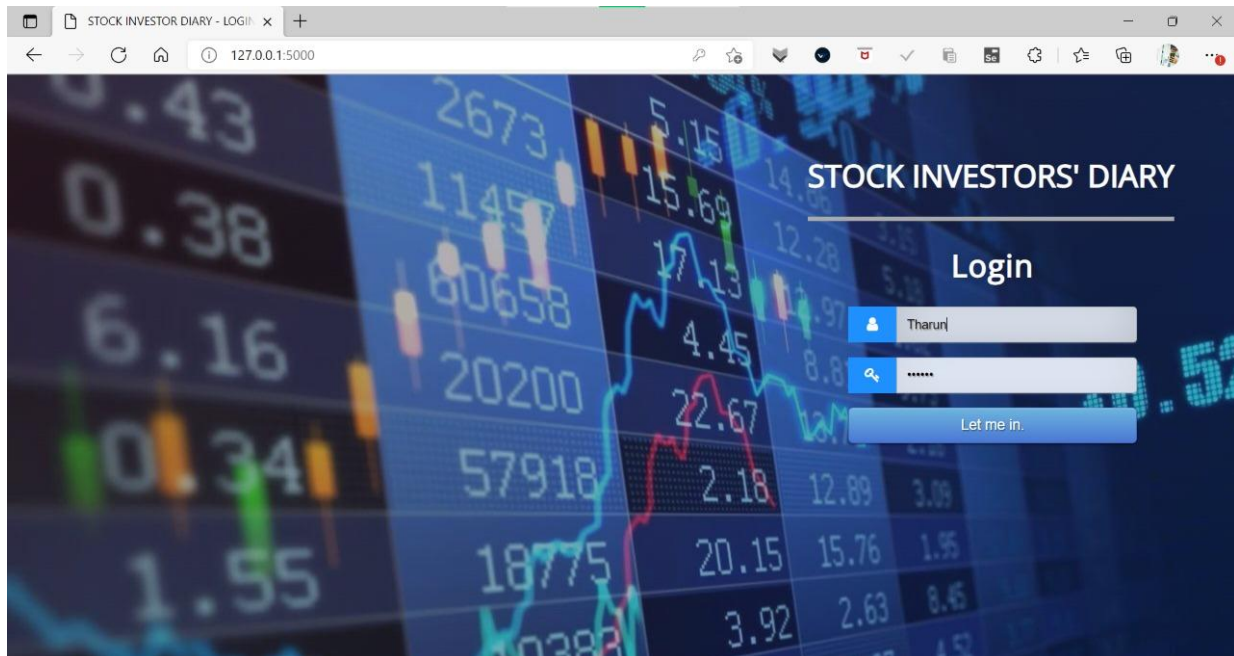
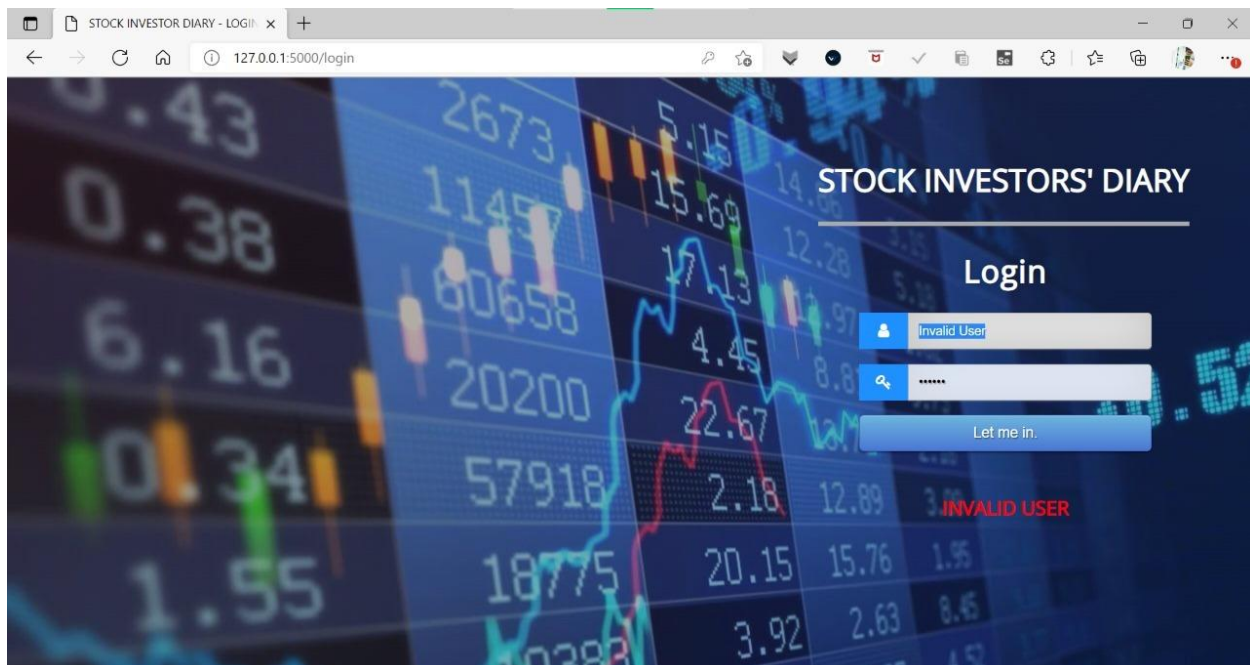


## LOGIN PAGE:

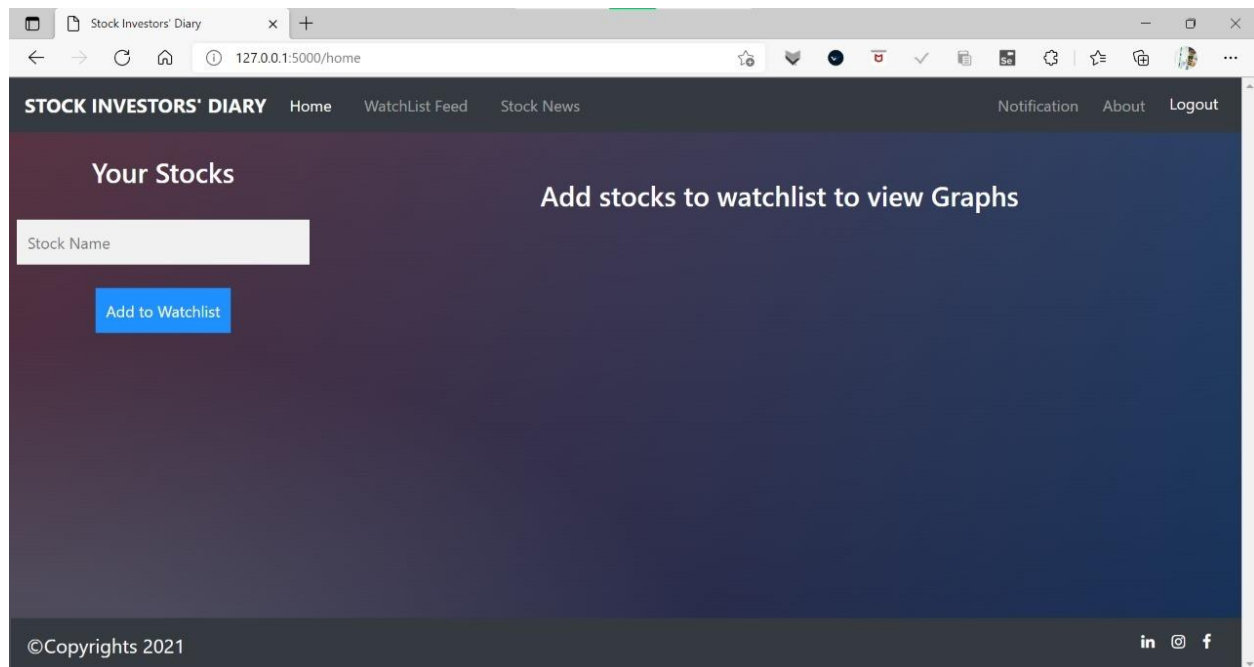


User is asked to provide their account credentials. Then, click <"Let me in"> button in order to gain access to the application. It has two fields Username and Password. The inputs will be compared with our User database and passwords get verified.



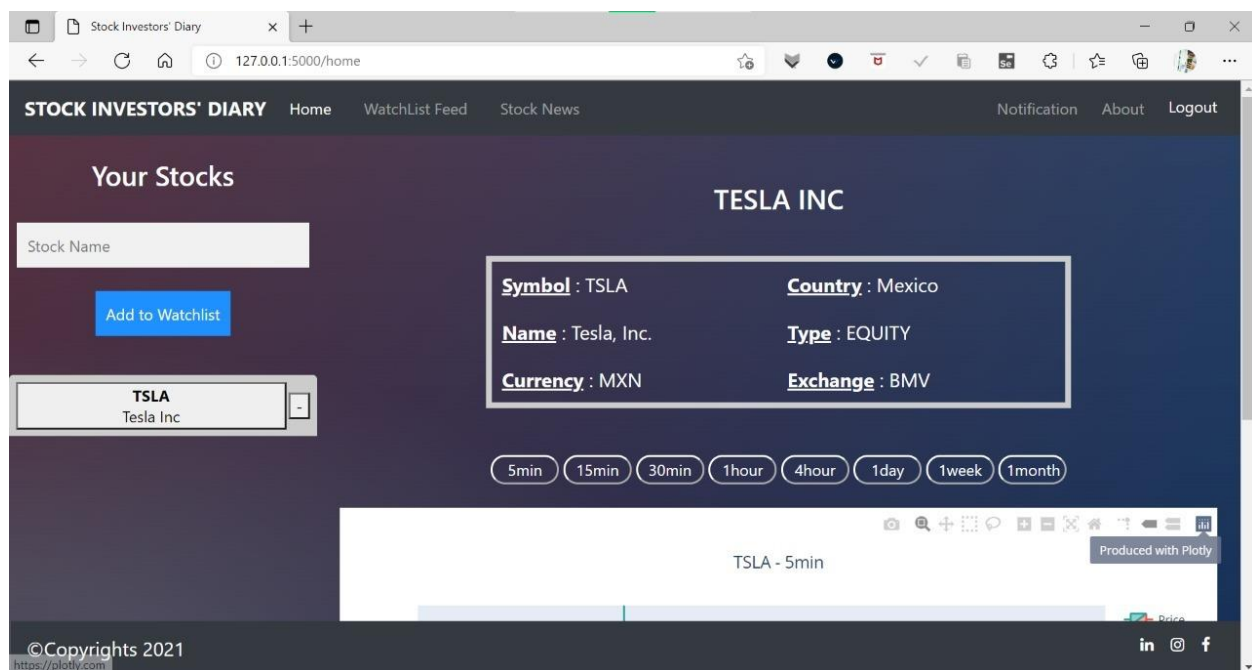
If you are given invalid credentials, you will be redirected to the same page stating, "INVALID USER".

## HOME PAGE:



This is how the page initially looks when a new user gets logged in.

User should type in stock names in left side field and they will be shown an drop-down listbox. Then click “Add to Watchlist” button. Now, the corresponding stock is added to the watchlist as below:



As you can see “TSLA” is added into the watch list. You can add “n” number of stocks into this watchlist area. If you click the “-” icon next to stock name, then it will remove this stock from the Watchlist area.

Once you have added, you can click on any stocks (one at a time), and their corresponding performances is shown in the right side through graphical representation.

Details of the stock are displayed in the top of the graph.

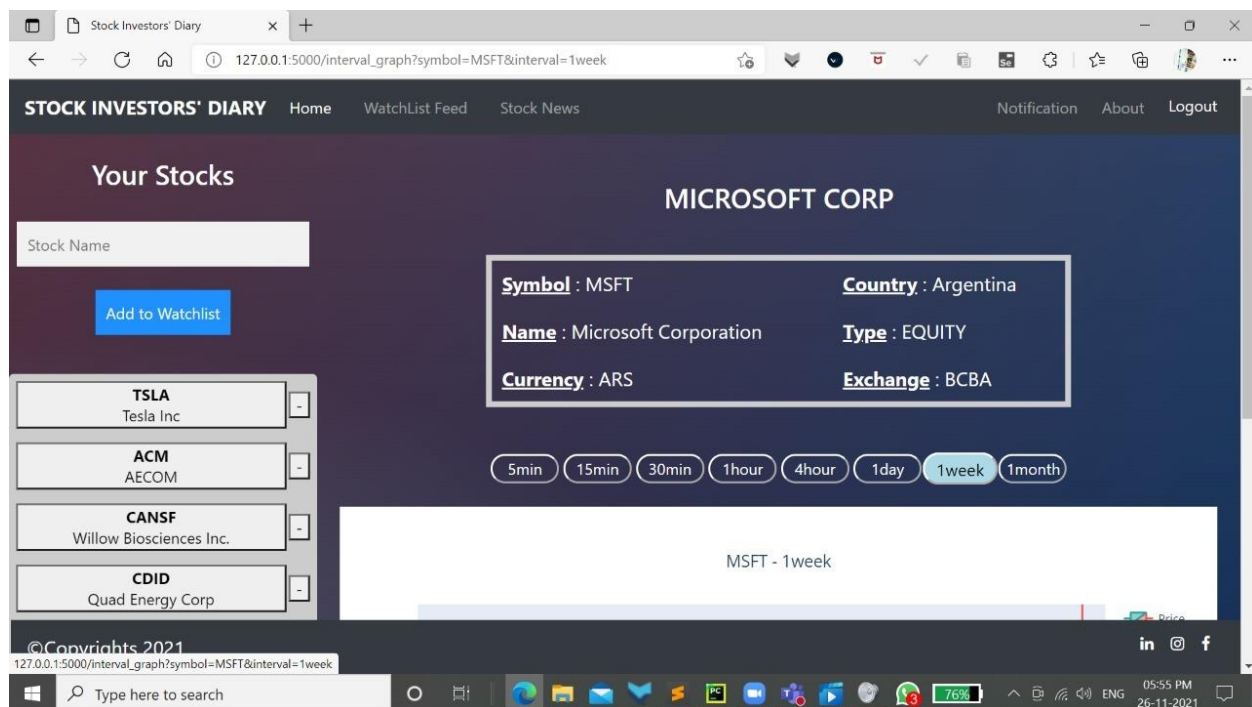
There are totally 8 buttons present over here that are used to visualize timely performances of our selected stocks.

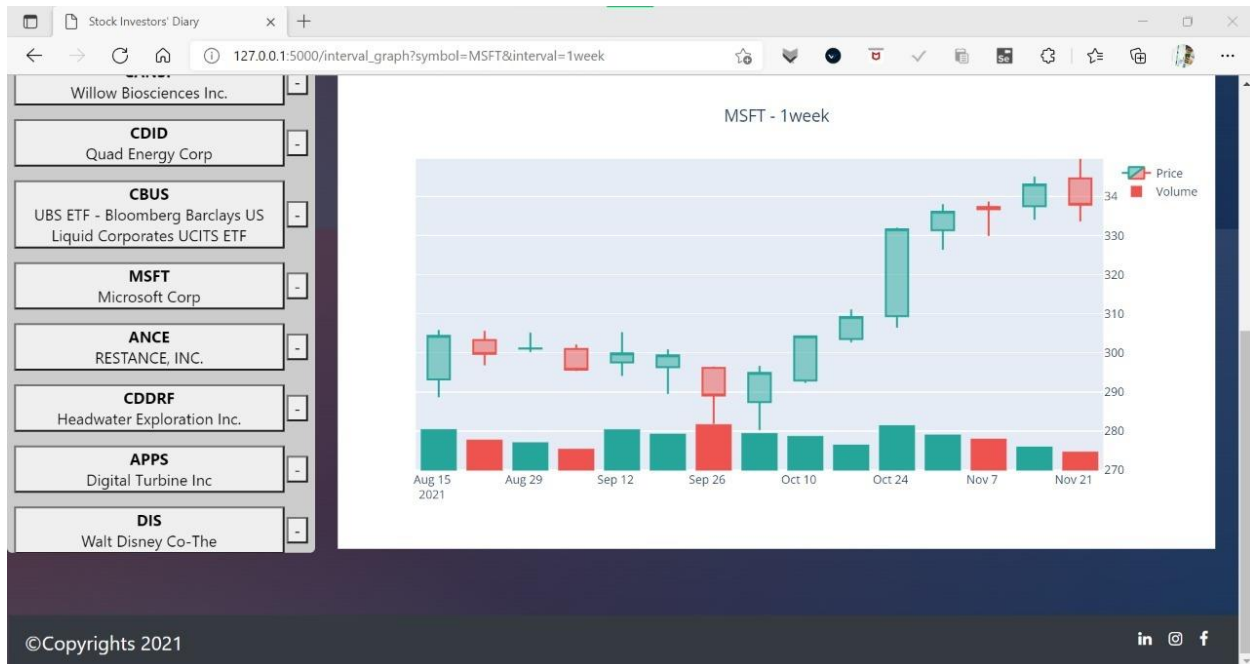
Here, the performance of the stock for every week is displayed.

Users are provided with tools that provide them the insights about the displaying graph.

The insights are as follows: zoom in, zoom out, download as png, pan, Box select, Lasso select, Auto scale, Reset Axes, Toggle spike lines, Show closest data on hover, Produced with Plotly.

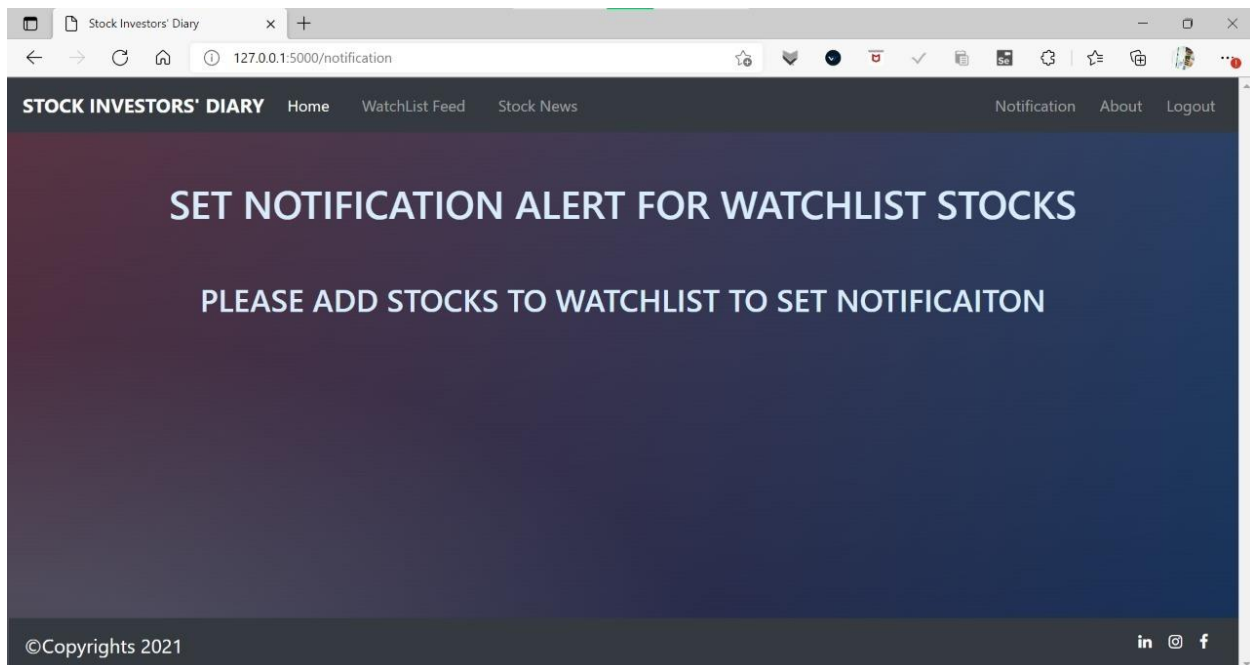
More Details about these insights are explained in the video provided in the end of this document.



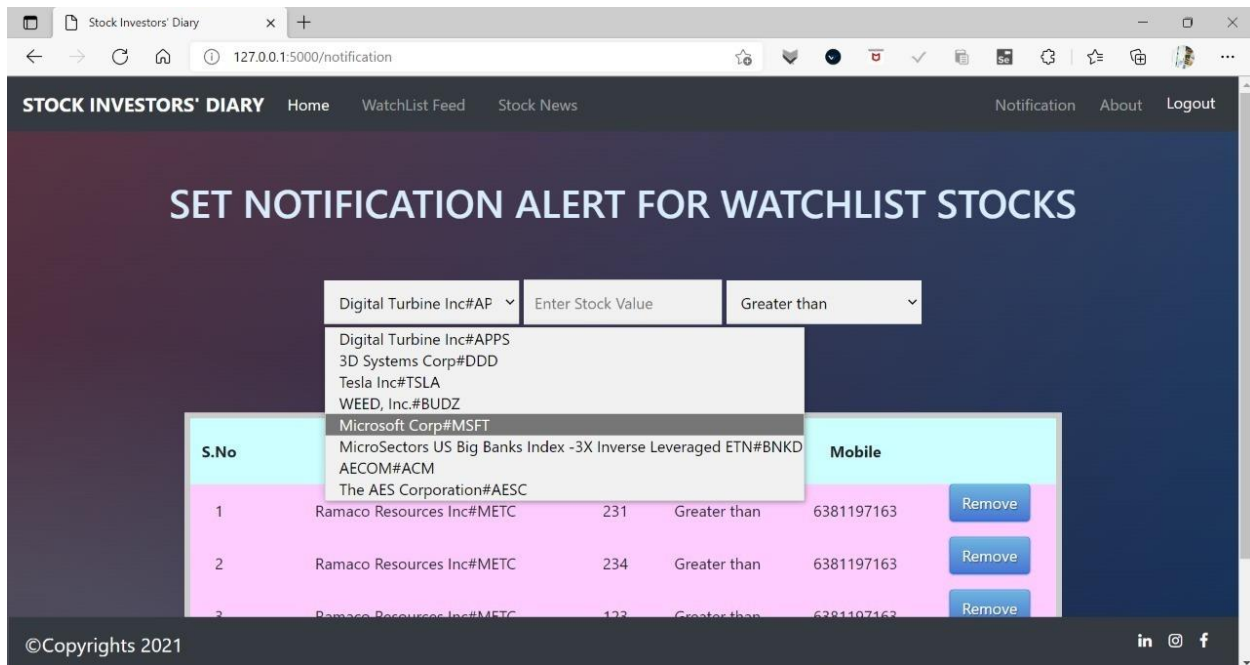


## NOTIFICATION PAGE:

Click “Notification” button in the navigation bar.



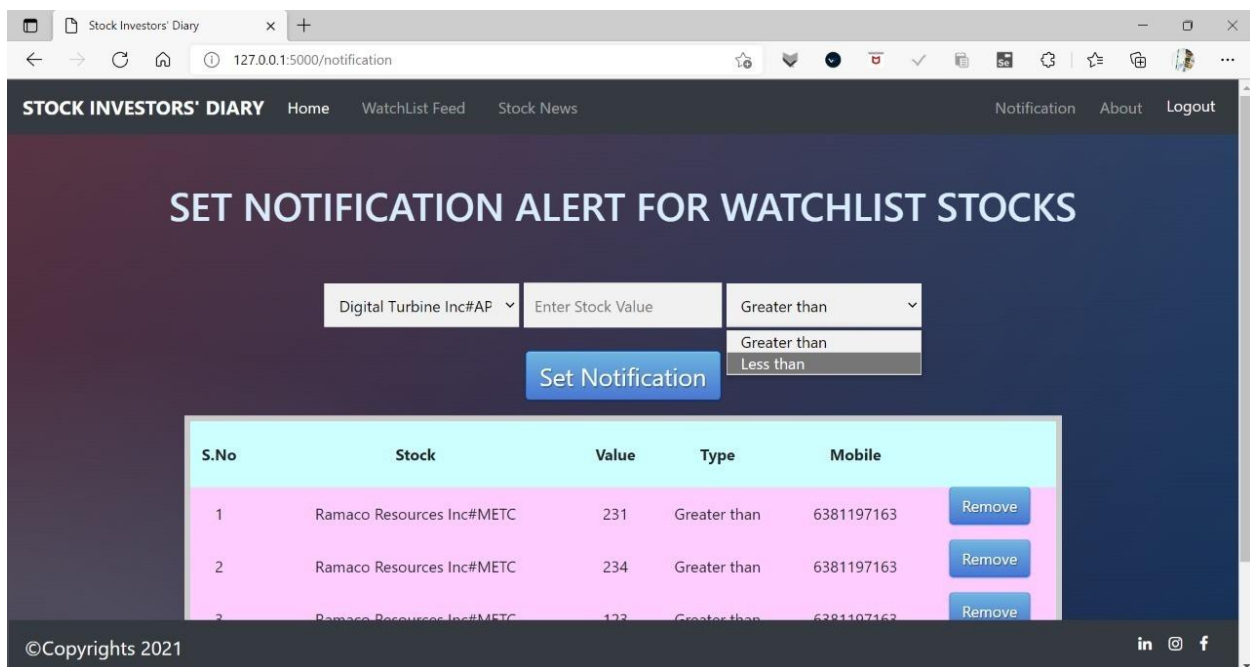
This is how the notification area initially looks for a new user stating “PLEASE ADD STOCKS TO WATCHLIST TO SET NOTIFICATION”.



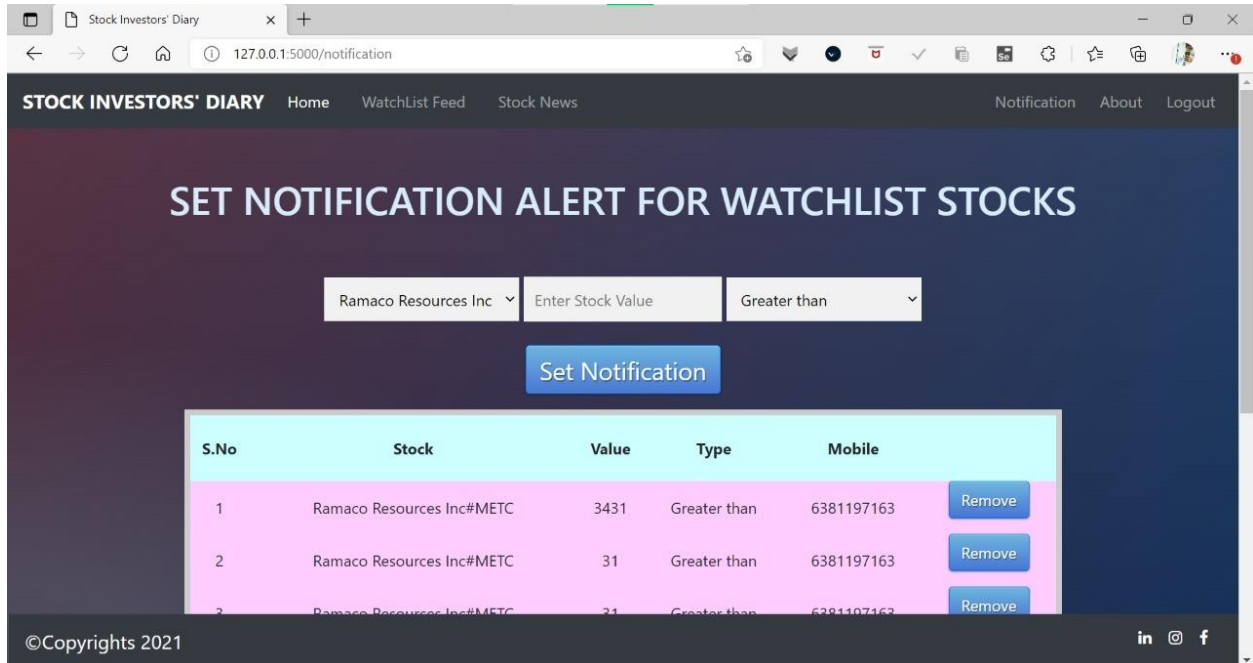
User is asked to enter the fields with appropriate inputs.

First field will be listing the stocks that the user added into their watch list.  
Second field is for entering the stock value that accepts only **integer values**.

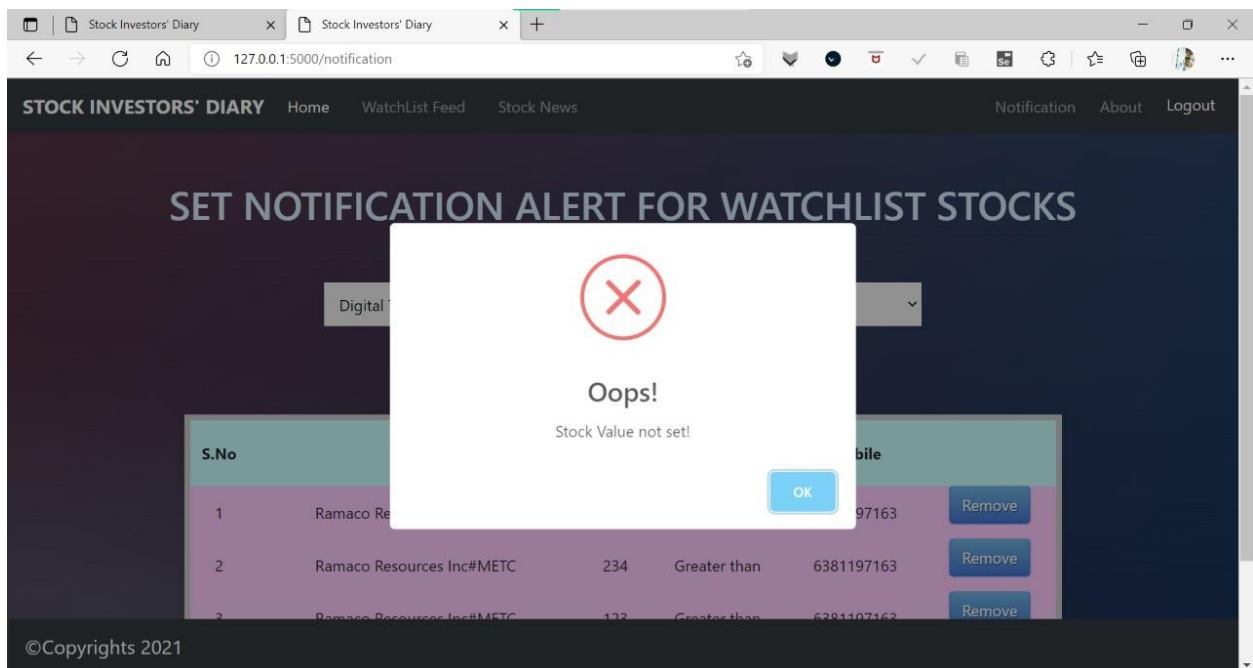
Third field is for the range, and it has two options “Greater than” and “Lesser than”.







If user tries to set notification without filling all required fields, a dialog box will be prompted as below:



For example, we have added “Digital Turbine Inc#AP” as stock name, set a value of 75, and set a type of “Greater than”.

This will notify the user, when this stock exceeds the value of 75.

S.No	Stock	Value	Type	Mobile	
1	Ramaco Resources Inc#METC	231	Greater than	6381197163	Remove
2	Ramaco Resources Inc#METC	234	Greater than	6381197163	Remove
3	Ramaco Resources Inc#METC	123	Greater than	6381197163	Remove

After providing required inputs in the respective fields, click “Set Notification” button. A dialog box appears stating “Notification Set!”. Click “ok” button to return to notification page. The data will be added into a table like structure which has all details about the notifications set by the user.

S.No	Stock	Value	Type	Mobile	
1	Ramaco Resources Inc#METC	231	Greater than	6381197163	Remove
2	Ramaco Resources Inc#METC	324	Greater than	6381197163	Remove
3	Ramaco Resources Inc#METC	31	Greater than	6381197163	Remove

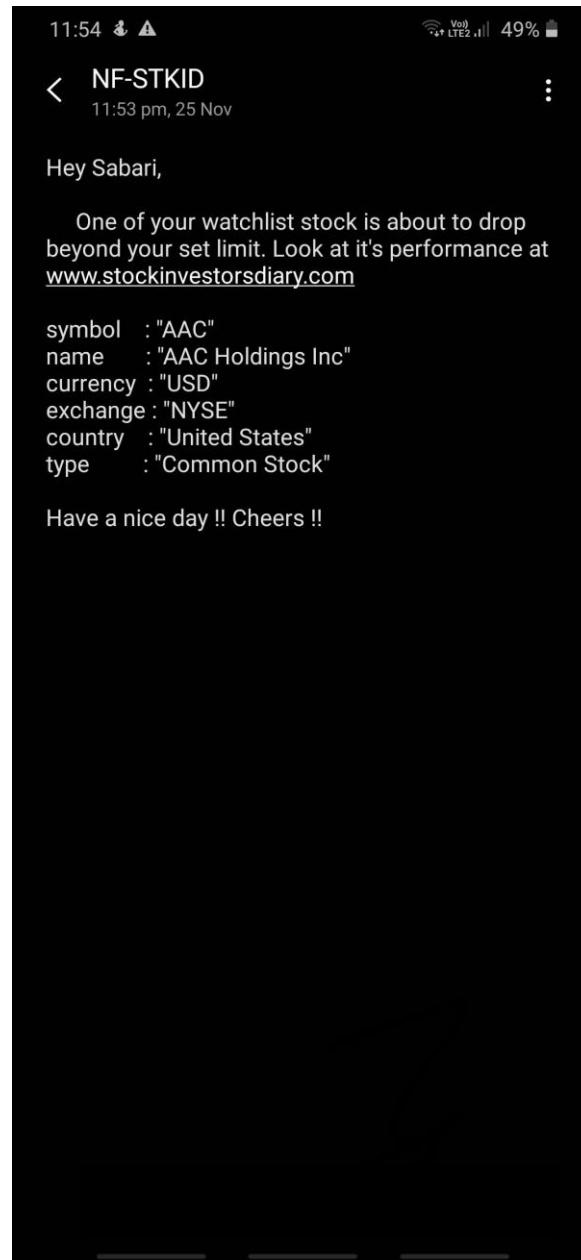
After providing required inputs in the respective fields, click “Set Notification” button. A dialog box appears stating “Notification Set!”. Click “ok” button to return to notification page.

The data will be added into a table like structure which has all details about the notifications set by the user.

“Remove” button in the table is provided on each stock notification details, so that you can delete your record.

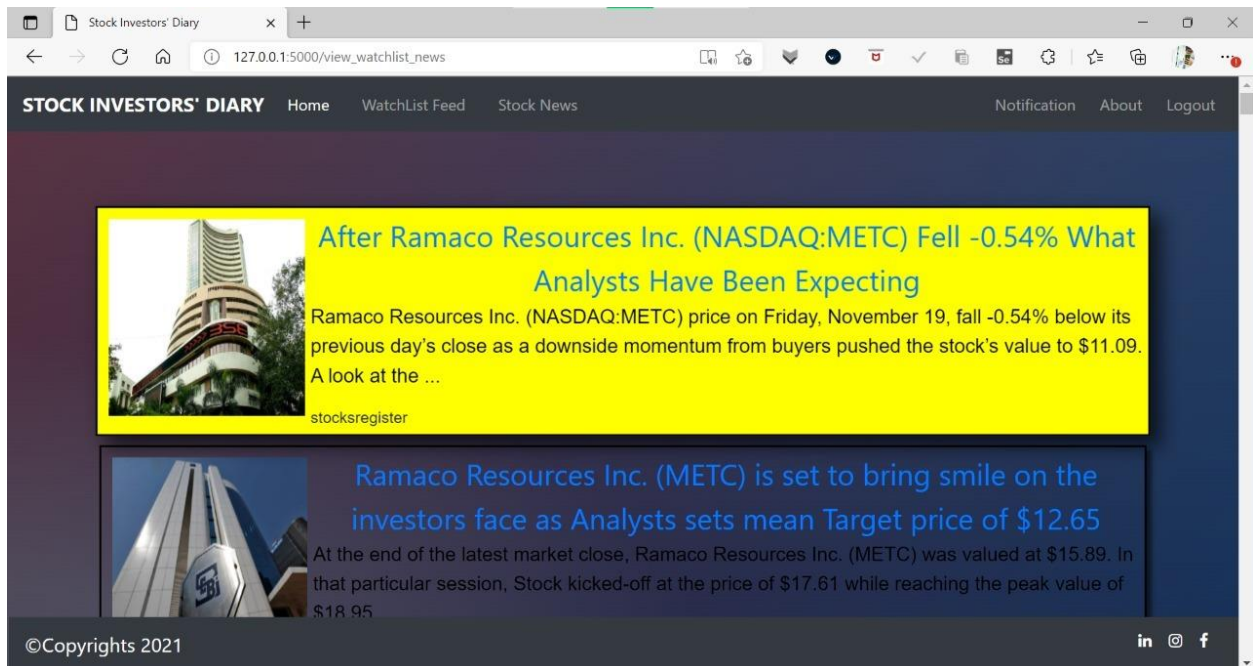
User can set “n” number of notification in this web application.

After setting notification, if the limit is achieved, a text message will be sent to the user’s mobile number as follows:





## WATCHLIST FEED:



Based on your stocks in Watch list, latest news related to those stocks is shown here. Hovering on each news, it gets highlighted to the user.

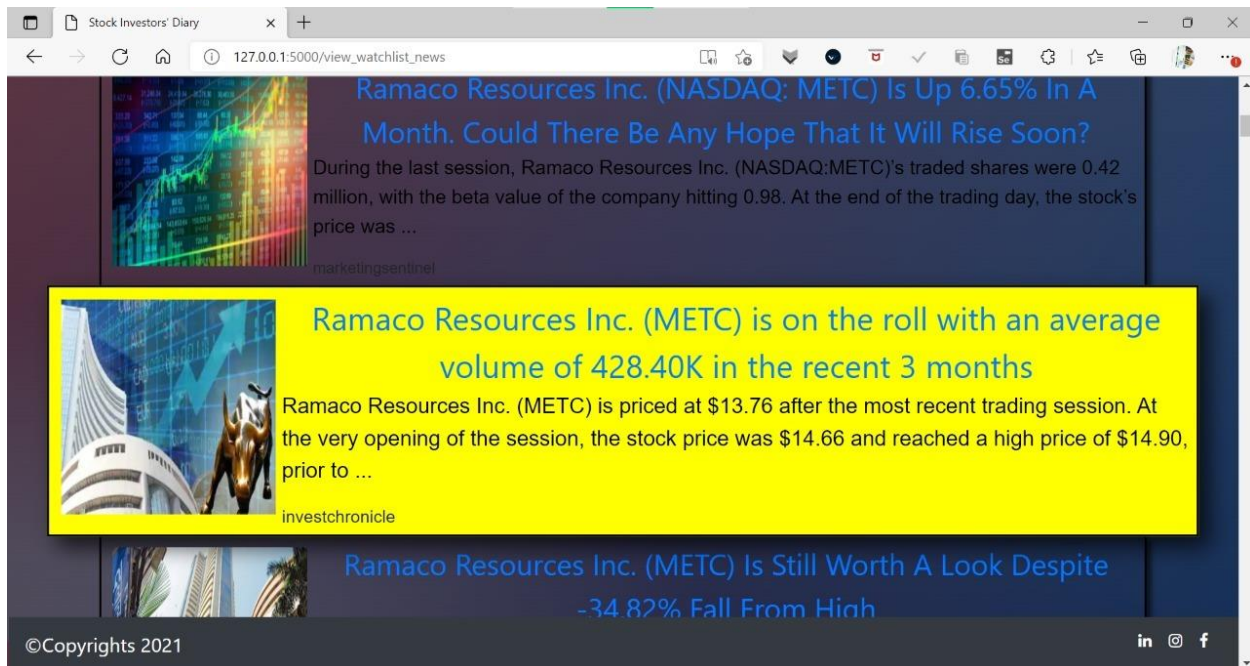
This news sections starts with headlines of (1-3) lines. Then a brief note about the news is displayed.

Finally, the source for the information is displayed.

A related image is attached to the left of all these informations to every news displayed in the page.

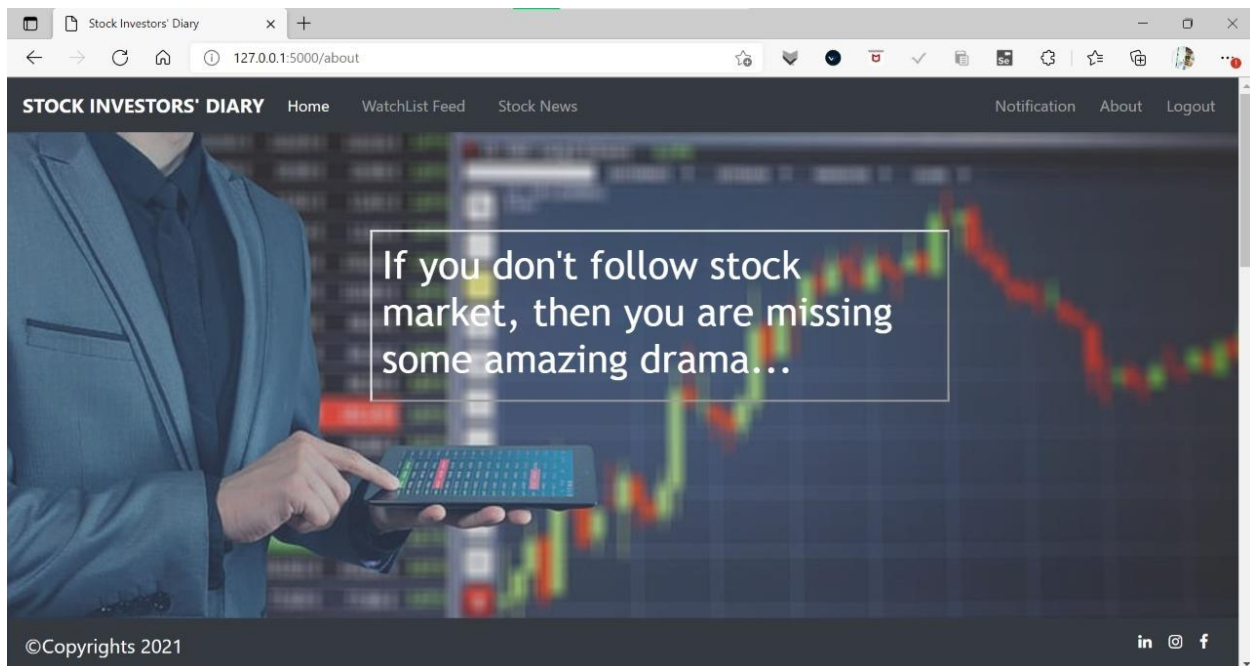
Clicking on to the news leads to new page that has detailed information about those stock information.

## STOCK FEED:

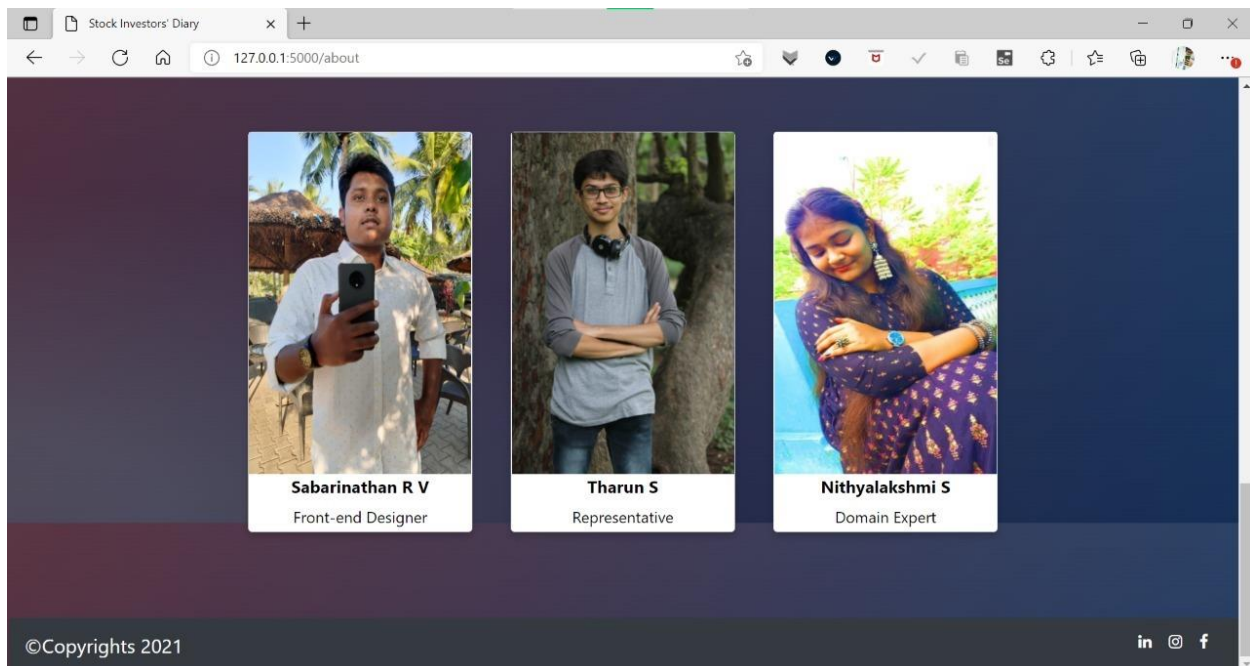
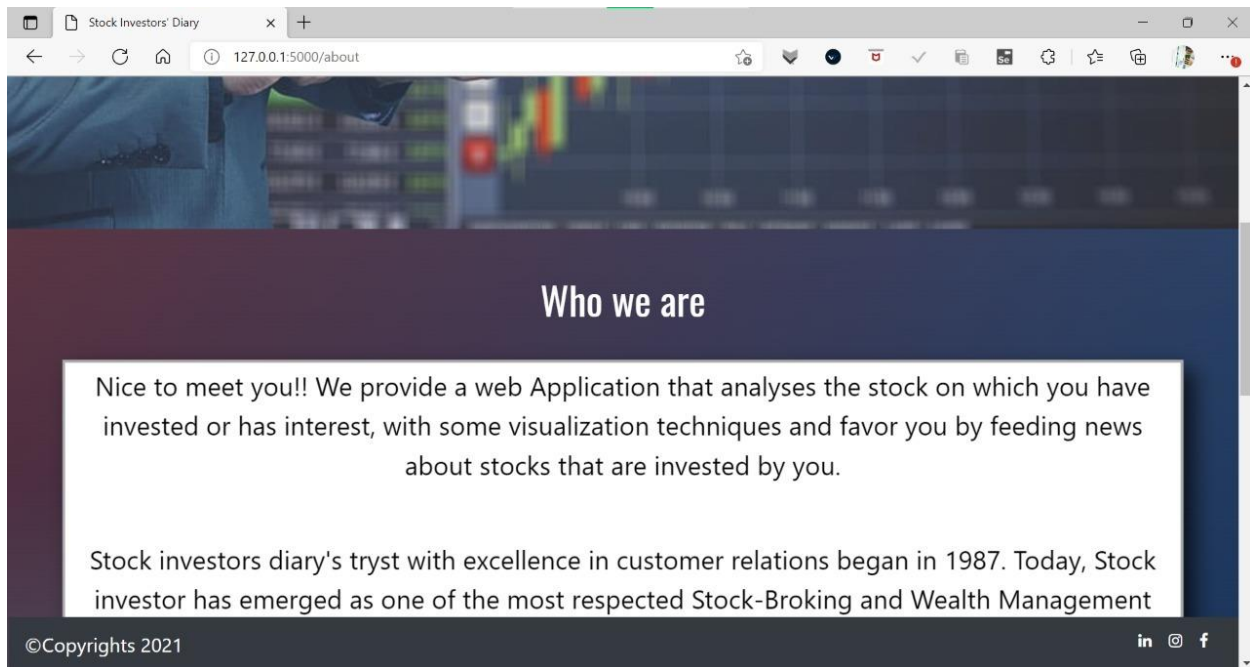


This page has news about all general stocks available in the market. User gets information about stocks that are not in their watch list too. The design is made so user friendly that user gets what they want.

## ABOUT PAGE:

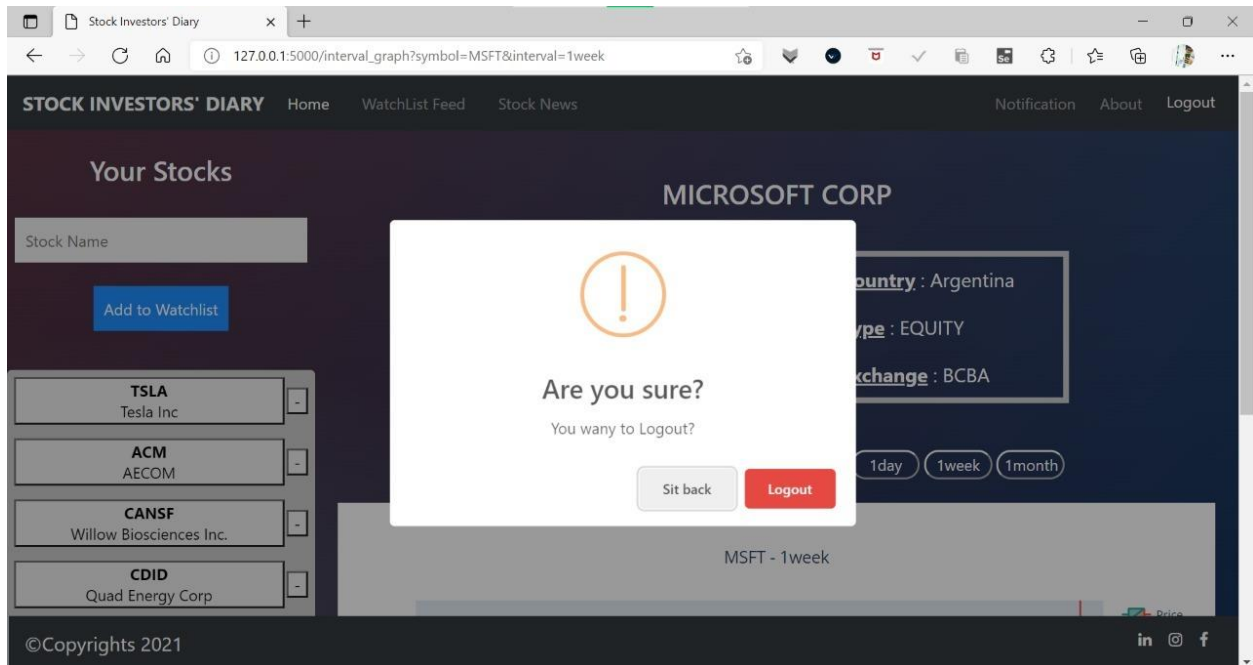


This page is mainly about whom the developers and the designers of this web application.



User with any types of queries can contact us via social Medias like LinkedIn, Instagram and Facebook. And the links are provided in the bottom left corner of the page with their respective logos.

## LOGOUT PAGE:



On clicking “Logout” button in the top right bottom, The above dialog box is prompted to the user.

If “Sit back” is clicked, it will return to the web application.

If “Logout” is clicked, it will log out the user from the application and redirect them to Login page.

## **Explanation video link:**

[https://drive.google.com/file/d/16mbcN7mExuZcmlocd59QMlpqEY4c\\_YHe/view?usp=sharing](https://drive.google.com/file/d/16mbcN7mExuZcmlocd59QMlpqEY4c_YHe/view?usp=sharing)

## **Youtube Link:**

[\*\*https://youtu.be/7grmiTQpf54\*\*](https://youtu.be/7grmiTQpf54)

**Introduction: 0:00**

**Login Page: 0:44**

**Home Page: 2:42**

**Stock Data visualization: 4:17**

**Watch list News feed: 8:42**

**General Stock news feed: 9:28**

**Notification: 9:59**

**Logout: 11:28**

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