Application Name: MockStock

Team Name: The Buffs of Wallstreet (101-1)

Team members: Jack Blackburn , Hampton Walker, Sage Long , Mirna Masri , Nick

Spooner, Jon Gordon

Deployment Link: Mockstock

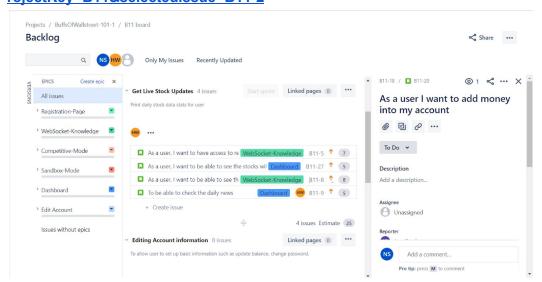
Project Description:

Mockstock is a free trading app that allows users to invest in the real-time stock market with no risk involved. The user is given an unlimited amount of money and can buy/sell stocks at their will. Users build their stock portfolio to keep a watchlist of potential stocks to invest in. As there is no real money involved, the app is completely risk-free and allows anyone with an interest in the stock market to get started investing.

Our app features account creation, a search page to search for the current stock prices, a trades page to buy/sell stocks and keep track of the user's portfolio, and a news page that allows users to look at recent stock market news. Possible future implementations include the ability to add friends and compete with each other, seeing who can gain the most profit with a limited starting amount of money.

Project Tracker:

• https://csci-3308-fa20-101-1.atlassian.net/secure/RapidBoard.jspa?rapidView=1&p rojectKey=B11&selectedIssue=B11-2



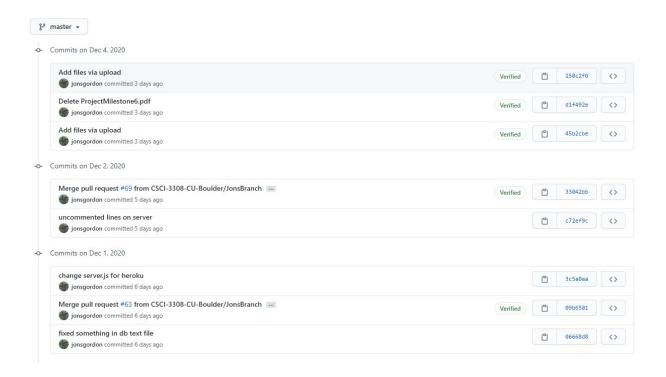
VCS: https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet

Contributions:

Jon:

Made the Trade and Profile html pages and some basic CSS elements such as showing/hiding the form in the trade page and the background images. However, most of the CSS design was handled by Hampton and Mirna. Did all the functionality for both html pages in JavaScript which included a form in the trade page and the dynamic table in the Profile page.

Additionally, worked on integrating our simple database for both the trade and profile pages. This includes writing SQL scripts and then working with node.js to populate the table in the profile page and to handle the get/post requests for the trade and profile pages. Features include: user can buy/sell fake stocks, user can view profile page with positions.



-o- Commits on Nov 24, 2020 fixing header □ b7d051b <> onsgordon committed 13 days ago fixed header partial □ 8ea7f1b ⟨> onsgordon committed 13 days ago Merge pull request #55 from CSCI-3308-CU-Boulder/JonsBranch ---Verified □ 38c1196 ⟨> onsgordon committed 13 days ago fixed trade.ejs □ 4b86406 ⟨> onsgordon committed 13 days ago pushing some stuff 94f3d60 (> onsgordon committed 13 days ago Updated CSS and trade.ejs and profile.ejs □ SfaSSfe ⟨> jonsgordon committed 13 days ago -o- Commits on Nov 22, 2020 dynamic growing table in profile.js □ 1 □ 58fd5be 〈> jonsgordon committed 15 days ago -o- Commits on Nov 18, 2020 Merge pull request #45 from CSCI-3308-CU-Boulder/JonsBranch □ 81133c5 ⟨> onsgordon committed 19 days ago deletinng unnecesscary js files in MockStock folder □ 87562c3 〈> onsgordon committed 19 days ago -o- Commits on Nov 13, 2020 Removing nodemodules from git tracking. □ 66c9c63 <> pionsgordon committed 24 days ago - Commits on Nov 8, 2020 Merge pull request #29 from CSCI-3308-CU-Boulder/trade Verified | bf61944 (> onsgordon committed 29 days ago change js in for trade page [*] 1705bf8 <> onsgordon committed 29 days ago -o- Commits on Oct 26, 2020 Merge branch 'server' into master [^a] 57606e6 (> a ionsgordon committed on Oct 26 basic server baseline □ d03d015 <> ponsgordon committed on Oct 26 -o- Commits on Nov 28, 2020 Merge pull request #61 from CSCI-3308-CU-Boulder/JonsBranch ... Verified ed7fdcc <> added basic db setup for VM users e720ccf (> onsgordon cor Merge pull request #60 from CSCI-3308-CU-Boulder/JonsBranch ... Verified (a ee06dcd <> added selling stocks feature faf4alb <> Merge pull request #59 from CSCI-3308-CU-Boulder/JonsBranch Verified □ 6f5c473 〈> staging tradepage for selling stocks [D] c10b83a <> Merge pull request #58 from CSCI-3308-CU-Boulder/JonsBranch — jonsgordon committed 9 days ago Verified (a a64037b <> trade page updates db
jonsgordon committed 9 days ago □ ba1950a <> Merge pull request #57 from CSCI-3308-CU-Boulder/JonsBranch Verified □ 47d361d ⟨> (c062bf0 (> fixed menu.ejs

jonsgordon committed 12 days ago [B] 45a14b2 <> Merge pull request #56 from CSCI-3308-CU-Boulder/JonsBranch

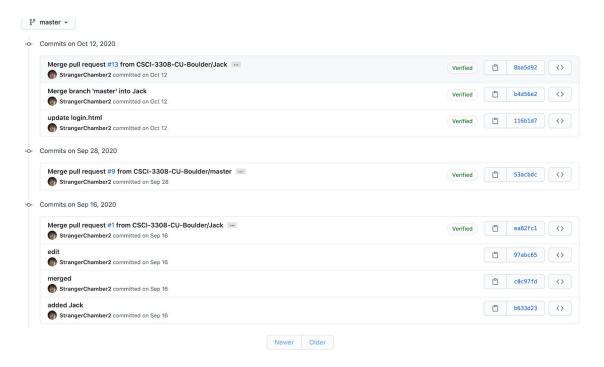
ae62c15 <>

jonsgordon committed 12 days ago made changes on server.js

onsgordon committed 12 days ago

Jack Blackburn:

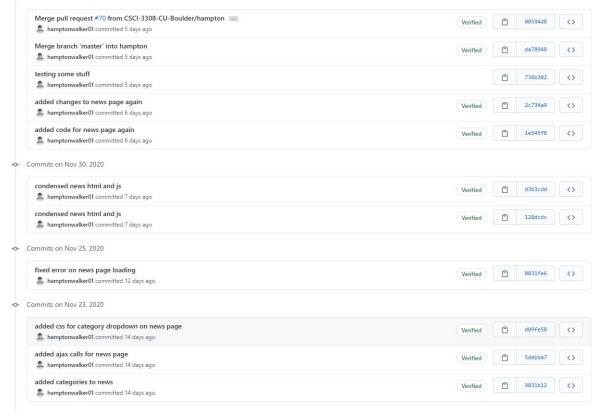
I contributed to the project by working on the user login page and attempting to create the flow that would allow the database to check and see if a user existed or if their password was correct. I made the html page entirely but was unable to actually connect the database to my page, I struggled with the Javascript and ajax calls and was never able to get it fully working with our original idea. I also contributed by helping with each milestone and working on our presentation slides. I didn't have many commits to our repo after I created the html page because I wasn't ever able to get what I was doing to work. My page was used in our final deployment but wasn't functioning on the backend the way we wanted.



Hampton Walker:

Created news page in its entirety (html, css, javascript + ajax calls), responsible for most of the css, assisted for beginning of stock api calls, created mock test database + designed database, basic front-end bug testing. I was not able to implement all features that I wanted to due to api limitations (searching for articles by category), but I got most of everything working that I wanted to.

-o- Commits on Dec 2, 2020



| Added ajax calls for news page in scripts.js, removed temp array hamptonwalker01 committed 19 days ago | | 0 : | 2e1a8be | (> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Commits on Nov 9, 2020 | | | | |
| Merge pull request #32 from CSCI-3308-CU-Boulder/hampton & hamptonwalker01 committed 28 days ago | Verified | 0 8 | 80f0fcd | () |
| Added insert statements to test database hamptonwalker01 committed 28 days ago | | 0 | 8a3b1ae | () |
| added database for testing Amptonwalker01 committed 28 days ago | Verified | 0 (| 0ebbe50 | \Diamond |
| Commits on Oct 14, 2020 | | | | |
| Merge pull request #21 from CSCI-3308-CU-Boulder/hampton | Verified | 0 : | 200c021 | () |
| fixed links between pages hamptonwalker01 committed on Oct 14 | | <u> </u> | d0a3830 | () |
| Commits on Oct 13, 2020 | | | | |
| Merge pull request #19 from CSCI-3308-CU-Boulder/hampton hamptonwalker01 committed on Oct 13 | Verified | 0 | 3cafd34 | () |
| added buttons to loginHome.html. Burnt out, will fix links between pa | | 0 . | ec79565 | () |
| Merge pull request #18 from CSCI-3308-CU-Boulder/master & hamptonwalker01 committed on Oct 13 | Verified | | 6276c96 | () |
| Delete home.html | Verified | C | 310d575 | () |
| Added CSS, changed lots of html elements, styled a lot. hamptonwalker01 committed on Oct 13 | | <u> </u> | e03b25d | <> |
| Commits on Oct 12, 2020 | | | | |
| Merge branch 'master' of https://github.com/CSCI-3308-CU-Boulder/101 | | ٥ | 548379 | 9b |
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| hamptonwalker01 committed on Oct 12 updated navbar | | | | oa (|
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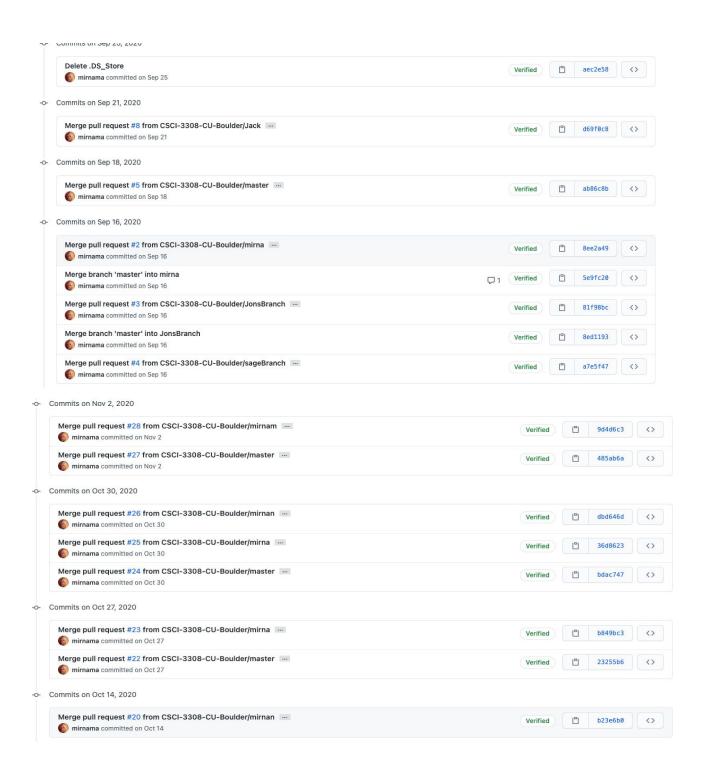


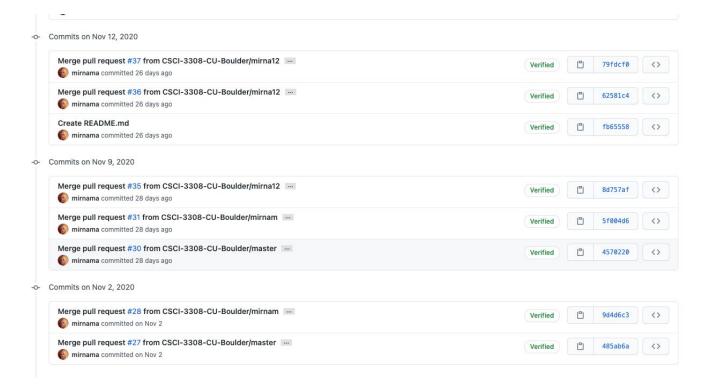
Mirna Masri:

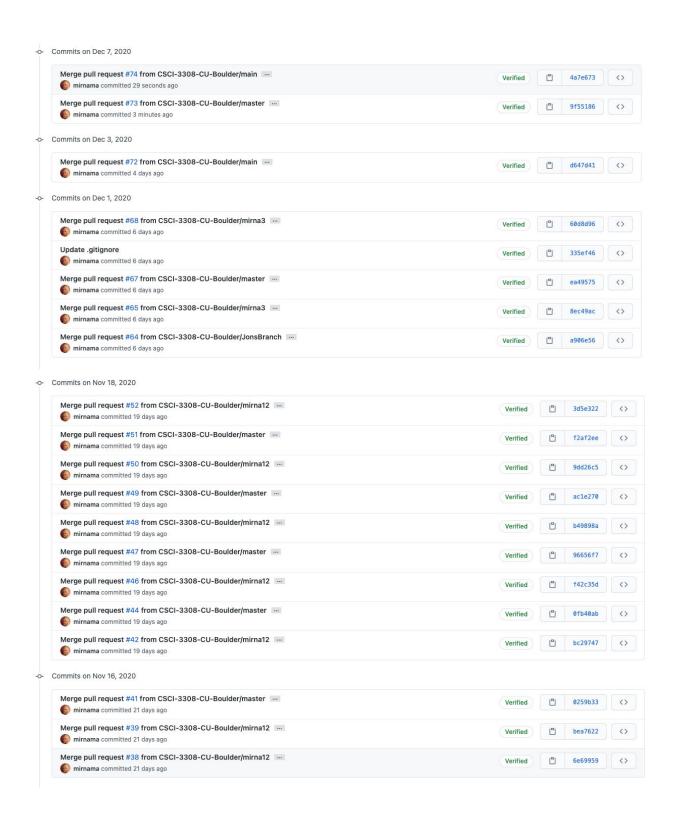
Created the homePage and team page, worked on transferring all pages from .html into .ejs, and created a partials file that contains (footer.ejs, header.ejs and menu.ejs). Created a server.ejs page to have localhost and live host. Deploy the website to heroku.com, also I linked the app to Heroku Postgres (PostgreSQL-crystal). Worked with Jon on deploying the Postgres (PostgreSQL-crystal) on heroku, and got it to work as it intended to.

GitHub log:

https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/commits?after=44d 192cde51ede502d091c37c30d95f9d5faa98f+34&author=mirnama







Sage Long:

Created Register Page, and the unused Login/Register Home Page. Contributed ideas such as the "competitive mode" feature, which turned out to be a bit over-ambitious for our experience and time constraints. Was able to convert the .html pages that I made to .ejs, and was able to deploy them on heroku. As far as the functionality of these pages goes, I struggled with setting up a working database using SQL for these pages, but was able to implement password verification and other small things via JavaScript, and a couple of "get" calls via nodeJS used to deploy these pages to the server. Below is a list of my commits on this project:

```
Sages-MacBook-Pro-2 101-1-BuffsOfWallstreet % git log --author SageJames Long
: ambiguous argument 'Long': unknown revision or path not in the working tree
--' to separate paths from revisions, like this:
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] - [<file>-...]'
sage@Sages-MacBook-Pro-2 101-1-BuffsOfWallstreet % git log --author SageJamesLong
commit ba8aa24e83dffbf1853197d1284108b8f6b15e5b3
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Nov 30 18:16:30 2020 -0700
     Updated Register Page
commit 20068ad2dc39b8bf7f6c6f0ceb85c45ab24b2f53
Author: SageJamesLong <70299247+SageJam
Date: Mon Nov 30 18:15:37 2020 -0700
                                    <70299247+SageJamesLong@users.noreply.github.com>
      Adding Register Page link to Login Page
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Nov 30 18:14:51 2020 -0700
      Adding Login Page to Node server file
commit 9447e4c3eba799fc6c82ce08d85a8d68433e2248
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Nov 30 18:13:25 2020 -0700
     Adding Login to Menu Nav Bar
commit a2d2b6f16a2310a9890000e844a8ef094886a2e4
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 22:21:36 2020 -0600
     Adding Login Home CSS
commit e4a63355ded812d8f714d638545c7848af14ed97
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 22:20:40 2020 -0600
     Updated Login Home Page
commit 19b95331986f351081db09102be512dc710e2f5e
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 21:07:46 2020 -0600
      Button sizing issues fixed
commit b85436b5cee611455260fd201f40d73d3578dc33
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 21:06:46 2020 -0600
      Button sizing issue fixed
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 21:01:13 2020 -0600
      Adding JavaScript for Registration Page
     Nothing deleted or changed, only added my JS code.
commit 55a88b99cfa88aad2e2831154f0c03b2b88f0cf1
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 21:00:02 2020 -0600
     Adding Registration CSS
     Did not delete or change anything, only added my new CSS.
```

```
commit c7179a2877634b5996765c9043735159790721b2
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Mon Oct 19 20:58:50 2020 -0600
    Updated Register.html
    Form is complete:
    -submit button disbaled until required fields have content
-form "onsubmit" allows for javascript to check if password matches password verification and submits the form accordi
ngly
     -cancel button added and working
commit 9a8e4886f27810f80089258161531b313661f4f1
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
Date: Tue Oct 13 19:13:31 2020 -0600
    Rename loginHome to loginHome.html
commit 42488b63068b82e3d433905ed07d63f8e701515f
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>Date: Tue Oct 13 19:09:50 2020 -0600
    Adding Login/Register Home page
commit e1a3283eb445ebdb434398c191a64d16547dcbf5
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>Date: Mon Oct 12 18:21:02 2020 -0600
    Adding IDs to register page.
commit 86ee911ac7ea621277807b6d5d333c4ab28ab4b7
Author: SageJamesLong <70299247+SageJamesLong@users.noreply.github.com>
         Tue Oct 6 04:41:08 2020 -0600
```

Nick Spooner:

Researched and implemented various API functions into the website, created a Search page to search stocks on the market and display their profile/stock data. Used ajax calls to the API to grab stock data, Javascript to send data to the webpage, and html/ejs to display the data and allow daily stock data to be implemented in our design.

Spent a portion of the time testing the API calls and data using client-side Node.js. Before implementing ajax calls into the program, I used Node.js to pull the stock data from the website with require() functions. This allowed us to test the API calls and store stock data from hundreds of tickers in JSON files that were ultimately not used but helped understand the APIs better.

- Commits on Nov 30, 2020 Merge pull request #62 from CSCI-3308-CU-Boulder/nick a722873 nisp1104 committed 7 days ago Search page shows error when wrong ticker given 8ca25e7 <> A nisp1104 committed 7 days ago -o- Commits on Nov 24, 2020 Removing node_modules da6b3fb <> 📥 nisp1104 committed 13 days ago Merge pull request #54 from CSCI-3308-CU-Boulder/nick ... Verified 02cb12d <> nisp1104 committed 13 days ago c16e279 <> nisp1104 committed 13 days ago Merge pull request #53 from CSCI-3308-CU-Boulder/nick 90221fb <> Verified nisp1104 committed 13 days ago search.ejs fixes 0ae1eee <> 🗼 nisp1104 committed 13 days ago -o- Commits on Nov 18, 2020 Revert "Revert "Delete explore.js"" ... 847ed79 📥 nisp1104 committed 19 days ago Revert "Delete explore.js" dcdcd93 <> nisp1104 committed 19 days ago Merge pull request #43 from CSCI-3308-CU-Boulder/nick c782f8c 🗼 nisp1104 committed 19 days ago Delete explore.js Verified nisp1104 committed 19 days ago -o- Commits on Nov 16, 2020 Merge pull request #40 from CSCI-3308-CU-Boulder/nick ... 5520958 nisp1104 committed 21 days ago Adding search ejs page and ajax js file for stock search abe3e73 <> nisp1104 committed 21 days ago -o- Commits on Sep 21, 2020 First prototype of API usage with JavaScript Verified A nisp1104 committed on Sep 21 -o- Commits on Sep 16, 2020 Added Nick Spooner to README Cd5d1b0 <> nisp1104 committed on Sep 16