

## Project milestone 5

### **Participants:**

Jon Gordon  
Mirna Masri  
Nick Spooner  
Hampton Walker

### **Features for testing:**

- Account Registration, Signing in, Buying Stock

### **UAT Test:**

#### **Account Registration**

##### **Test Cases:**

- User should be put in a valid email
- Email isn't already associated with another user
- Password fulfill certain criteria (6-12 characters, with one uppercase one lowercase)

Acceptance Criteria:

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- User cannot submit the form unless they fill in the following fields:
  - Email
  - Password
  - Confirm password
- Information from the form is stored in the 'user' table in the 'mockstock\_db' database.

#### **Signing in:**

##### **Test Cases:**

- Email address already exists and registered.
- The password is correct.
- The user name is correct.

Acceptance Criteria:

- User cannot sign in unless:
  - Email is associated with an account
  - Inputted password matches with the password associated with the email

#### **Buying stock**

**Test Cases:**

- The input of stock ticker should exist in the database
- User should have enough funds in order for stock(s) to be bought
- Inputs in fields must match the correct format (integer/decimal number)

**Acceptance Criteria:**

- User cannot purchase stock unless:
  - Stock Ticker
    - Must match the 4 character ticker stored in the database for the associated company/stock
  - Amount of stock to purchase/sell
    - If the user balance/number of stocks exceeds the amount required to purchase or the number of stocks to sell, then the transaction will be complete
    - Else, we alert the user
    - Input into form must be an integer or a decimal. If this is not the case, we alert the user.

**Individual Contributions:**

- Mirna Masri: worked on transferring all pages from **.html** into **.ejs**, create a partials file that contains (**footer.ejs**, **header.ejs** and **menu.ejs**). Created a **server.ejs** page to have localhost. Deploy the website to heroku.com, and linked the app to Heroku Postgres (PostgreSQL-crystal)
  - **Heroku app can be found at**  
<https://mock-stock-web.herokuapp.com>
  - **Github latest commit:**  
<https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/pull/37/files>
- Jon Gordon latest commit (changed javascript for trade page):  
<https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/commit/bf61944157813cd0b08b196874ee717518d0c6e2#diff-fca1a426890419e483e7defd6e017bb8e3ce9e9090f4e4a27e201cf7541dd049>
- Sage latest commit:  
<https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/commit/a2d2b6f16a2310a9890000e844a8ef094886a2e4#diff-fca1a426890419e483e7defd6e017bb8e3ce9e9090f4e4a27e201cf7541dd049>
- Hampton latest commit (inserted database scripts):  
<https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/commit/8a3b1ae74f5e594ffe9de52a7e6092cbf0912f73#diff-fca1a426890419e483e7defd6e017bb8e3ce9e9090f4e4a27e201cf7541dd049>
- Jack latest commit:  
<https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/com>

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[mit/3a15f51fbe1dbad87e028d3b80bedc4b96c217b5#diff-fca1a426890419e483e7defd6e017bb8e3ce9e9090f4e4a27e201cf7541dd049](https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/blob/master/MockStock/src/resources/js/api_scripts.js)

- Nick: working on integrating FinnHub API with website. Completed the Ajax call to get the data onto the website, created a search function to call quotes of symbols when typed by the user, currently working on displaying specific information about each stock when the data is given to the website. When finished, the API work will be viewable on the api\_scripts file here:

[https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/blob/master/MockStock/src/resources/js/api\\_scripts.js](https://github.com/CSCI-3308-CU-Boulder/101-1-BuffsOfWallstreet/blob/master/MockStock/src/resources/js/api_scripts.js)

## Team Management site:

<https://csci-3308-fa20-101-1.atlassian.net/wiki/spaces/~87210069/pages/1048594/MockStock+Project+Plan>

