Working Prototype Known Problems Report

Slug Finance
Finance Scraper
3/13/2023

Bugs:

yahooAdd()
Problem: can randomly fail to scrape and time out (around 5 min)
Input/Action: can happen with any input
Location of fault: app.py -> seleniumScraper.py -> webdriver
Possible action: run it again

Add()
Problem: can (very rarely) fail to scrape
Input/Action: empty portfolio -> search ticker -> add to portfolio -> view portfolio
Location of fault: app.py -> webdriver
Possible action: run it again

getAbout()
Problem: cannot scrape descriptions for trusts
Input/Action: search ticker of trust
Location of fault: app.py -> getAbout()
Possible action: avoid trusts

Bug 1: When logging into the website, the user can enter a correct email but wrong password but the app will not tell the user that password is wrong. A possible removal of fault is to check if the email is in the database, but the password given is wrong giving a user a pop-up saying that the password is wrong.

Bug 2: When requesting data if today is a Monday, and the interval for requesting data is Sunday - Monday such as 3/12 - 3/13, it will return a 500 Internal Server Error causing errors in displaying data. A possible removal of fault is to make sure that the user doesn't request data for weekends and for data if today is a Monday.

Bug 3:
Problem: Search feature doesn't work immediately after clearing portfolio. The path changes but no calls are made.
Input/Action: portfolio -> delete from portfolio -> search ticker in navbar
Location of fault: app.js

Possible action: Search again

Bug 4:
Problem: getHistory, and thus an individual page will fail to load sometimes due to a 401 error from the scraper. Graph on the homepage will also fail to load.
Input/Action: in /Individual, search for a ticker
Location of fault: app.py -> getHistoricalData() -> request library
Possible action: Try until it works

Bug 5:
Problem: Login and Signup text boxes hide behind image at 75% and lower zoom on Chrome
Input/Action: ctrl + scroll wheel down, or click magnifying glass on chrome
Location of fault: Login.jsx and Signup.jsx
Possible action: Don't minimize screen beyond 75%

Bug 6:
Problem: Signup test sometimes will not pass tests for successful sign up
Input/Action: npm run test on Signup.test.jsx
Location of fault: Signup.test.jsx
Possible action: re-run the test and it should be fine

Bug 7:
Problem: Text and Search bar move past the height of the screen when the width is too small, graph and tickers overlap with the footer when height of the screen is too small, too much or too little zoom causes the same issue
Input/Action: Zooming the window in or out too far, resizing the actual browser window
Location of fault: Home.jsx
Possible action: stay at 100% zoom, don't resize the window past 60% width and 80% height of screen

Bug 8:
Problem: When running individual.test.js, one of the tests (search undefined stocks) is designed to fail/give an error
Input/Action: npm run test on individual.test.js
Location of fault: individual.test.js
Possible action:

Bug 9:
Problem: Receives a warning in console about list items not having a key
Input/Action: When opening portfolio/individual pages

Location of fault: portfolio.jsx/individual.jsx
Possible action: Wait for new release

Bug 10:
Problem: Import Button is not dynamic, only scrapes from one portfolio.
Input/Action: pressing import on the portfolio page
Location of fault: portfolio,jsx
Possible action: Wait for new release

Bug 11:
Problem: Cookies will make it so that the individual stock will sometimes not work
Input/Action: pressing enter after searching for a stock
Location of fault: individual.jsx
Possible action: go to incognito mode for no cookies or clear cookies

Bug 12:
Problem: Sign up sometimes does not need the same password on confirm password
Input/Action: signing up for an account
Location of fault: Login.jsx
Possible action: adding an authentication to ensure they are the same

Bug 13:
Problem: Sign up is case sensitive
Input/Action: Logging in to to the stock app
Possible action : Adding a case insensitive check for email

Bug 14:
Problem: Sign up switches the navbar to show that you are signed in, but you are not
Input/Action: Sign up successfully, look up a stock and try to add it to your portfolio
Possible action: Force the user to sign in after signing up

Bug 15:
Problem: Search bar in the Navbar of the portfolio page redirects to the individual page but does not look up stock.
Input/Action: Go to portfolio page, search something with search bar
Possible action: pass the search as context for individual to look up, or search for the stock and pass the result as context to the individual page to graph