Backlog Create sprint CWPGD-2 ↑ __ ■ Break down the project requirements into epics & stories As an unregistered user visiting the application's landing page, I want to register using my email address and a password so that the system can remember me and my data. Landing Page and Auth... CWPGD-3 ↑ As an unregistered user, I want to see an error message if something goes wrong when I attempt to register for an account so that I can recover from the error. Landing Page and Auth... CWPGD-4 ↑ -As an unregistered user, I want to receive a confirmation email once my registration is successful so that I can confirm that I successfully registered and able to log in with my chosen credentials. Landing Page and Auth... CWPGD-5 1 As a registered user visiting the application's landing page, I want to log in with my email address and password so that the system can authenticate me, and I can trust it. Landing Page and Auth... CWPGD-6 As a registered user visiting the application's landing page, I want to be able to reset my password if I've forgotten it so that I can retrieve my data. Landing Page and Auth... CWPGD-7 As a registered user, I want to see an error message if something goes wrong when I attempt to sign into my account so that I can recover from the error. Landing Page and Auth... CWPGD-8 As a user (registered and unregistered), I want to read the application's terms of use and privacy policy so that I become familiar with what security features are implemented to protect my details. Landing Page and Auth... CWPGD-9 1 As a user (registered and unregistered), I want to learn about the application and its features so that I get familiar with what features are available. Landing Page and Auth... CWPGD-10 ↑ As a user, I want to search for stocks by the stock's symbol or company name so that I can see a list of stocks matching my search. CWPGD-13 1 Search and Watchlist As a user, I want to select a specific stock from the search results list so that I can view detailed information about the selected stock. CWPGD-14 1 As a user, I want to add preferred stocks to my watchlist so that I can act swiftly and prevent missing valuable investment opportunities. Search and Watchlist CWPGD-15 1 As a user, I want to remove stocks from my watchlist so that I can only focus on stocks which align with my investment strategy. CWPGD-16 1 earch and Watchlist As a user, I want to place a market order to buy a specific stock at the current market price so that I can add it to my portfolio of stocks. Market Orders CWPGD-18 1 As a user placing an order to buy stocks, I want to specify the number of shares to be bought so that I won't have to place different orders for the same stock. Market Orders CWPGD-19 1 As a user placing an order to buy stocks, I want to view the total value of the order I am placing so that I can have an insight on the amount I will spend. Market Orders CWPGD-20 1 As a user placing an order to buy stocks, I want to be able to proceed with the buy order so that the stocks can be added to my portfolio. Market Orders CWPGD-21 1 Market Orders CWPGD-22 1 As a user placing an order to buy stocks, I want to be able to cancel the buy order so that I can have the flexibility to change by decision. As a user placing an order to buy stocks, I want to be able to cancel the buy order so that I can have the flexibility to change my decision. Market Orders CWPGD-22 As a user placing an order to buy stocks, I want to be notified with an error message if the number of shares to be bought exceeds the available funds so that I can recover from such an error. Market Orders CWPGD-23 1 As a user placing an order to sell stocks, I want to view the total value of the order I am placing so that I know the amount I will receive. Market Orders CWPGD-26 1 As a user placing an order to sell stocks, I want to be able to proceed with the sell order so that the stocks can be removed from my portfolio and funds added to my account. Market Orders CWPGD-27 1 As a user placing an order to sell stocks, I want to be able to cancel the sell order so that I can have the flexibility to change my decision. Market Orders CWPGD-28 1 As a user placing an order to sell stocks, I want to be notified with an error message if the number of shares to be sold exceeds the owned shares so that I can recover from such an error. Market Orders CWPGD-29 1 As a user, I want to view aggregate statistics about my portfolio including the current portfolio value, the day return from the portfolio as well as the total return so that I can have an overview of my portfolio. Portfolio Dashboard CWPGD-31 1 As a user, I want to view a chart displaying the historical performance of my portfolio so that I would gain insight on whether my investment strategies have been working well or not. Portfolio Dashboard CWPGD-32 ↑ As a user, I want to view the constituents of my portfolio including the symbol and company name of the stocks I own as well as details on the number of shares, the total cost, current value and return for each stock. Portfolio Dashboard CWPGD-33 ↑ As a user viewing the portfolio dashboard, I want to buy more shares of a specific stock I already own so that I can expand my portfolio. Portfolio Dashboard CWPGD-34 1 As a user viewing the portfolio dashboard, I want to sell shares of a specific stock I already own so that I can get rid of stocks that do not align with my investment strategy any longer. Portfolio Dashboard CWPGD-35 1 As a user viewing the portfolio dashboard, I want to see the percentage and total value of brokerage fees that I have spent so I can inform my investing decisions. Portfolio Dashboard CWPGD-41 1 Account Settings CWPGD-37 1 As a user, I can change my first name, last name and password because my preferences might have changed since creating the account. As a user, I can sign out from the application when I am done using it so that I keep my data secure. Account Settings CWPGD-38

As a user, I can invest in cryptocurrencies so that I can diversify my portfolio. Additional Features CWPGD-69 ↓ As a user, I can export my portfolio constituents in CSV format so that I can use it in other platforms. Additional Features CWPGD-70 ↓ As a user, I can view the leaders board so that I can assess how I rank with respect to other users of the investment simulator. Additional Features CWPGD-71 ↓

As a user, I want to receive alerts when my preferred traders have made market orders to buy or sell assets so that I can learn about their investment strategies. Additional Features CWPGD-72 As a user, I want to view a chart detailing my historical trades so that I can reflect back at what investment strategies worked well. Additional Features CWPGD-73 As a user, I want to receive notifications when there are any changes to my portfolio so that I am up-to-date with my investment. Additional Features CWPGD-74 ↓

Additional Features

CWPGD-75 ↓

As a user, I want to view predictions about the stock market trends so that I can incorporate the predictions into my investment strategy.