

Portfolio

PREPARED FOR

CS 408 Class Project

PREPARED BY

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1.01	As a user, I would like to be able to create an account	Sprint 1
a.	Create Account 001, Create Normal Account, Severity 1	
b.	Fill in account information -> Click create account button	
c.	Page should change to the homepage	
a.	Create Account 002, Create Account No First Name, Severity 1	
b.	Fill in account information without a first name -> Click create account button	
c.	Error dialog appears saying "Enter a first name"	
a.	Create Account 003, Create Account No Last Name, Severity 1	
b.	Fill in account information without a last name -> Click create account button	
c.	Error dialog appears saying "Enter a last name"	
a.	Create Account 004, Create Account No Email, Severity 1	
b.	Fill in account information without an email-> Click create account button	
c.	Error dialog appears saying "Enter an Email"	
a.	Create Account 004, Create Account Invalid Email, Severity 1	
b.	Fill in account information without an email-> Click create account button	
c.	Error dialog appears saying "Enter a Valid Email"	
a.	Create Account 004, Create Account No Password, Severity 1	
b.	Fill in account information without a password -> Click create account button	
c.	Error dialog appears saying "Enter a password"	
a.	Create Account 006, Create Account Owned Email, Severity 1	
b.	Fill in account information with a known email-> Click create account button	

c.	Error dialog appears saying "Email is taken"
a.	Create Account 009, Create Account Short Password, Severity 3
b.	Fill in account information with a password smaller than 8 characters -> Click create account button
c.	Error dialog appears saying "Password must be 8 characters or longer"

1.02	As a user, I would like to be able to login in to my account	Sprint 1
a.	Login 001, Login Button, Severity 1	
b.	Fill in login information -> Click login button	
c.	Page should change to the homepage	
a.	Login 002, Login No Email, Severity 2	
b.	Fill in login information without email -> Click login button	
c.	Error dialog appears saying "Please enter a username"	
a.	Login 003, Login No Password, Severity 2	
b.	Fill in login information without password-> Click login button	
c.	Error dialog appears saying "Please enter a password"	
a.	Login 003, Login Incorrect Email, Severity 2	
b.	Fill in login information with a wrong email -> Click login button	
c.	Error dialog appears saying "Email or Password is Incorrect"	
a.	Login 003, Login Incorrect Password, Severity 2	
b.	Fill in login information with a wrong password-> Click login button	
c.	Error dialog appears saying "Email or Password is Incorrect"	

1.03	As an investor, I would like to have my portfolio performance on my home page	Sprint 1
a.	Performance Chart 001, Performance History is available , Severity 2	
b.	Navigate to home page	
c.	Performance graph exists and shows past performance	
a.	Performance Chart 002, Performance History is not available , Severity 2	
b.	Navigate to home page	
c.	Performance graph is hidden and says no performance change	
a.	Performance Chart 003, Performance history only has one past value , Severity 3	
b.	Navigate to home page	
c.	Performance graph exists and shows past performance for that day alone	
a.	Performance Chart 003, Performance history only has 100 past value , Severity 3	
b.	Navigate to home page	
c.	Performance graph exists and shows past performance for all the days there was performance change	

1.04	As an investor, I would like to have a list of my currently owned stocks and current prices	Sprint 2
a.	Owned Stock 001, Owned Stock Exists, Severity 2	
b.	Navigate to the Owned Stock section of the home page.	
c.	Owned Stock section exists and displays correctly on the page.	
a.	Owned Stock 002, Empty Owned Stock, Severity 3	
b.	Having not added any stocks to the Owned Stock, navigate to the Owned Stock section of the home page.	

c.	Owned Stock displays with a message saying that no stocks are added.
a.	Owned Stock 003, Owned Stock Stock Prices, Severity 3
b.	Having a Owned Stock with stocks in it, navigate to the Owned Stock section of the home page.
c.	Owned Stock displays stocks with most recent price next to them.
a.	Owned Stock 004, Owned Stock Stock Links, Severity 3
b.	Having a Owned Stock with stocks in it, click on a stock on the list.
c.	The page for that stock displays on the screen.

1.05	As an investor, I would like to have a list of my stock watchlist and current prices	Sprint 2
a.	Watchlist 001, Watchlist Exists, Severity 1	
b.	Navigate to the watchlist section of the home page.	
c.	Watchlist section exists and displays correctly on the page.	
a.	Watchlist 002, Empty Watchlist, Severity 3	
b.	Having not added any stocks to the watchlist, navigate to the watchlist section of the home page.	
c.	Watchlist displays with a message saying that no stocks are added.	
a.	Watchlist 003, Watchlist Stock Prices, Severity 2	
b.	Having a watchlist with stocks in it, navigate to the watchlist section of the home page.	
c.	Watchlist displays stocks with most recent price next to them.	
a.	Watchlist 004, Watchlist Stock Links, Severity 2	
b.	Having a watchlist with stocks in it, click on a stock on the list.	
c.	The page for that stock displays on the screen.	

1.06	As an investor, I would like to be able to sort and filter stocks on any stock pages (watchlist/owned list/ search)	Sprint 2
a.	Sort And Filter Stock 001, Visit Any Stock Page And Sort by Name, Severity 3	
b.	Click on any stock page, then Click on a sorting dropdown, then click sort by name.	
c.	The stock page displays with a list of all available stocks sorted by their name (alphabetically).	
a.	Sort And Filter Stock 002, Visit Any Stock Page And Sort by Value, Severity 3	
b.	Click on any stock page, then Click on a sorting dropdown, then click sort by value.	
c.	The stock page displays with a list of all available stocks sorted by their value (Descending).	
a.	Sort And Filter Stock 003, Visit Any Stock Page And Filter, Severity 3	
b.	Click on any stock page, then Click on a filtering dropdown, then click on a stock type to filter out.	
c.	The stock page displays with a list of all available stocks not of that type.	

1.07	As an investor, I would like to be able to search for new stock tickers	Sprint 1
a.	Search for Stock 001, Stock Page Exists, Severity 1	
b.	Click on the stock page.	
c.	The stock page displays with a list of all available stocks.	
a.	Search for Stock 002, Search Existing Stock, Severity 2	
b.	Type the name of a stock into the search bar.	
c.	The results page displays stocks with that name.	
a.	Search for Stock 003, Search Non-Existent Stock, Severity 3	
b.	Type the name of the stock into the search bar	
c.	The results page states there are no stocks with that name.	

a.	Search for Stock 004, Enter Partial Stock Name, Severity 3
b.	Begin typing the name of a stock in the search bar and hit enter.
c.	Results are displayed on the page, showing stocks that match the first x characters that were typed.
a.	Search for Stock 005, Enter Exact Stock Name, Severity 2
b.	Press enter after typing the name of a particular stock into the search bar.
c.	The page shows only the stock that matches the searched item.

1.08	As an investor, I would like to be able to add a stock to my watchlist	Sprint 2
a.	Edit Watchlist 001, Add to Watchlist, Severity 1	
b.	Navigate to a stock and click the button to add to watchlist.	
c.	The button icon changes from a plus to a checkmark, and the stock appears on the watchlist.	
a.	Edit Watchlist 002, Remove from Watchlist, Severity 2	
b.	Navigate to a stock that is added to the watchlist and click the button to remove from watchlist.	
c.	The button icon changes from a checkmark to a plus, and the stock disappears from the watchlist.	
a.	Edit Watchlist 003, Add to Watchlist Chronologically, Severity 3	
b.	Add a stock to the watchlist.	
c.	The stock appears at the bottom of the watchlist, so that the watchlist shows stocks in the order they were added.	
a.	Edit Watchlist 004, Full Watchlist, Severity 3	
b.	Attempt to add a stock to the watchlist when the watchlist is already full (20 stocks).	

c.	A message appears telling the user that the watchlist is already full.
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1.09	As an investor, I would like to be able to view a stock page that has data on historical performance and market data for the current day	Sprint 1
a.	Individual Performance Chart 001, Performance History is available , Severity 1	
b.	Navigate to individual stock page	
c.	Performance graph exists and shows past performance	
a.	Individual Performance Chart002, Performance History is not available, Severity 2	
b.	Navigate to individual stock page	
c.	Performance graph is hidden and says no performance change	
a.	Individual Performance Chart003, Performance history only has one past value , Severity 3	
b.	Navigate to individual stock page	
c.	Performance graph exists and shows past performance for that day alone	
a.	Individual Performance Chart 003, Performance history only has 100 past value , Severity 3	
b.	Navigate to individual stock page	
c.	Performance graph exists and shows past performance for all the days there was performance change	

1.10	As an investor, I would like to be able to buy a specified quantity of stock that I am currently on	Sprint 2
a.	Buy Stock 001, Buy Button, Severity 1	
b.	Enter valid amount of stock and click Buy Button	
c.	User is subtracted total cost of stocks from there balance and gets the amount of stock they entered	
a.	Buy Stock 002, Buy Button, Severity 2	

b.	Enter '0' for the amount of stock to buy and click the Buy Button
c.	Pop-up should display saying you entered an invalid number of stocks
a.	Buy Stock 003, Buy Button, Severity 3
b.	Enter nothing for the amount of stock to buy and click the Buy Button
c.	Pop-up should display saying you entered an invalid number of stocks
a.	Buy Stock 004, Buy Button, Severity 2
b.	Enter a number of stocks you cannot afford with your current balance
c.	Pop-up should display saying you entered a number of stocks you cannot afford

1.11	As an investor, I would like to be able to sell a specified quantity of stock that I currently own	Sprint 2
a.	Sell Stock 001, Sell Button, Severity 1	
b.	Enter amount of stock to sell and click Sell Button	
c.	User is added total worth of stock to balance and gets the amount of stock they entered subtracted from their total of that stock	
a.	Sell Stock 002, Sell Button, Severity 3	
b.	Enter '0' for the amount of stock to sell and click the Sell Button	
c.	Pop-up should display saying you entered an invalid number of stocks	
a.	Sell Stock 003, Sell Button, Severity 3	
b.	Enter nothing for the amount of stock to sell and click the Sell Button	
c.	Pop-up should display saying you entered an invalid number of stocks	
a.	Sell Stock 004, Sell Button, Severity 2	
b.	Enter a greater number of stocks to sell than the user currently has and click the Sell Button	

c.	Pop-up should display saying you entered a greater number of stocks than you own
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1.12	As an investor, I would like to be able to see a leaderboard with the portfolio values of everyone in the game	Sprint 2
a.	Leaderboard 001, Leaderboard Button Visibility Disabled, Severity 2	
b.	On the game page, click the leaderboard icon	
c.	Page should display a list of the game's investment leaders and their total portfolio value	
a.	Leaderboard 002, Leaderboard Button Visibility Enabled, Severity 2	
b.	On the game page, click the leaderboard icon	
c.	Page should display a list of the game's investment leaders and their total portfolio value along with where they are investing	

1.13	As an investor, I would like to be able to click on a user on the leaderboard and see a graph of their portfolio's value	Sprint 2
a.	User Stock 001, View User With Stock Visibility Enabled, Severity 2	
b.	Click on other user's name	
c.	Page should load graph of the user's portfolio value over a past time frame with their stocks invested	
a.	User Stock 002, View User With Stock Visibility Disabled, Severity 2	
b.	Click on other user's name	
c.	Page should load graph of the user's portfolio value over a past time frame without their stocks invested	

1.14	As a game creator, I would like to be able to start a game lobby and specify the game rules	Sprint 1
a.	Lobby 001, Create room, Severity 1	
b.	Click "Create Lobby"	
c.	Lobby is created and visible to the user	
a.	Lobby 002, Start Time Valid, Severity 1	
b.	Input valid start time	
c.	Lobby creation do not throw error	
a.	Lobby 003, Start Time Invalid, Severity 2	
b.	Input invalid start time	
c.	Lobby throws error and prompts user to fix the issue	
a.	Lobby 004, Start Time Empty, Severity 2	
b.	Input no start time	
c.	Lobby is created and visible to the user	
a.	Lobby 005, End Time Valid, Severity 1	
b.	Input valid end time	
c.	Lobby creation do not throw error	
a.	Lobby 006, End Time Invalid, Severity 2	
b.	Input invalid end time	
c.	Lobby throws error and prompts user to fix the issue	
a.	Lobby 007, End Time Empty, Severity 2	
b.	Input no end time	

c.	Lobby throws error and prompts user to fix the issue
a.	Lobby 008, Dollar Amount Valid, Severity 1
b.	Input valid dollar amount
c.	Lobby creation do not throw error
a.	Lobby 009, Dollar Amount Invalid, Severity 2
b.	Input invalid dollar amount
c.	Lobby throws error and prompts user to fix the issue
a.	Lobby 010, Dollar Amount Empty, Severity 2
b.	Input no dollar amount
c.	Lobby throws error and prompts user to fix the issue
a.	Lobby 011, Trade Limits Valid, Severity 1
b.	Input valid trade limit
c.	Lobby creation do not throw error
a.	Lobby 012, Trade Limits Invalid, Severity 2
b.	Input invalid trade limit
c.	Lobby throws error and prompts user to fix the issue
a.	Lobby 013, Trade Limits Empty, Severity 2
b.	Input no trade limit
c.	Lobby throws error and prompts user to fix the issue

1.15	As a game creator, I would like to be able to change the rules of a game which is already created before it starts	Sprint 1
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a.	Rules 001, Confirm Button, Severity 2
b.	Fill in rules to be changes -> Click button
c.	Game should update rules and not throw error
a.	Rules 002, Start Time Valid, Severity 2
b.	Input valid start time and update with button click
c.	Rules menu does not throw error and updates properly
a.	Rules 003, Start Time Invalid, Severity 2
b.	Input invalid start time and update with button click
c.	Rules menu throws error and prompts user to fix the issue
a.	Rules 004, Start Time Empty, Severity 2
b.	Input no start time and update with button click
c.	Rules menu throws error and prompts user to fix the issue
a.	Rules 005, End Time Valid, Severity 2
b.	Input valid end time and update with button click
c.	Rules menu does not throw error and updates properly
a.	Rules 006, End Time Invalid, Severity 2
b.	Input invalid end time and update with button click
c.	Rules menu throws error and prompts user to fix the issue
a.	Rules 007, End Time Empty, Severity 2
b.	Input no end time and update with button click
c.	Rules menu throws error and prompts user to fix the issue

a.	Rules 008, Dollar Amount Valid, Severity 2
b.	Input valid dollar amount and update with button click
c.	Rules menu does not throw error and updates properly
a.	Rules 009, Dollar Amount Invalid, Severity 2
b.	Input invalid dollar amount and update with button click
c.	Rules menu throws error and prompts user to fix the issue
a.	Rules 010, Dollar Amount Empty, Severity 2
b.	Rules menu throws error and prompts user to fix the issue
c.	Lobby throws error and prompts user to fix the issue
a.	Rules 011, Trade Limits Valid, Severity 2
b.	Input valid trade limit and update with button click
c.	Rules menu does not throw error and updates properly
a.	Rules 012, Trade Limits Invalid, Severity 2
b.	Input invalid trade limit and update with button click
c.	Rules menu throws error and prompts user to fix the issue
a.	Rules 013, Trade Limits Empty, Severity 2
b.	Input no trade limit and update with button click
c.	Rules menu throws error and prompts user to fix the issue

1.16	As a game creator, I would like to be able to invite other users to join the game	Sprint 1
a.	Invite 001, Generate Code Button, Severity 1	

b.	Click "Get code" button
c.	Game should generate a code that can be used to join the game
a.	Invite 002, Use Code Valid, Severity 1
b.	Input correct invite code
c.	User should be added to the game
a.	Invite 003, Use Code Invalid, Severity 2
b.	Input incorrect invite code
c.	User should not be added to the game and be alerted that no game was found with that code
a.	Invite 002, Use Code Empty, Severity 2
b.	Input no invite code
c.	User should not be able to submit the form