

Portfolio

PREPARED FOR

CS 408 Class Project

PREPARED BY

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Defect #	Defect	Output before seeding	Output after seeding	Suggested Correction	Severity
1	Create Account does not tell user "Please fill out entire form" when they leave username empty	"Please fill out entire form"	No error message	Add a check for if any field is empty (It is checking everything except username)	1
2	Sign In does not tell user if their password is incorrect	"The password is invalid or the user does not have a password."	No error message	When backend returns an error, always display a message	1
3	If user inputs 0 stocks to buy it does not say invalid number of stocks	"You entered an invalid number of stocks"	No error message	Add a check if the number == 0, show error message	2
4	If user doesn't input a number to sell a stock, no error message shows	"You entered an invalid number of stocks"	No error message	Add a check if the number is empty, show error message	2
5	If user inputs two passwords that do not match on create user, no error message shows	"Your password do not match"	No error message	Add a check to see if the two values are equal	1
6	Non-leaders can edit the game settings	'Edit' button is not visible for non-leader members	The 'Edit' button is available for all users and allows them to edit the game settings	Add a check to see if the current user is a leader and whether to display the button	2
7	The leaderboard displays users with the lowest total assets first	The leaderboard is sorted with the largest values at the highest rank	The leaderboard is sorted with the smallest values at the highest rank	Reverse the sorting function to make the higher amounts appear first	2
8	MyStocks table does not display a message when a user owns no stocks	MyStock table displays a message stating you own no stocks	MyStock table does not show a message	Add a check to see if the user has no stocks and then display a message	3
9	MyStocks' table total at the bottom includes the total stock price and buying power	MyStocks' table total at the bottom includes the total stock price	Buying power is included in the total value at the bottom of the Stock table	Subtract the buying power from the Stock's table total	2
10	A user can exceed the trade limit of a game even when there is no limit (limit is set to 0)	No error message	"Trade limit exceeded"	Add a check to see if the trade limit is 0 meaning that there is no limit	1

11	Trade count does not increment when a user sells a stock	"Trades Remaining" section on the leaderboard decreases by 1	"Trades Remaining" section on the leaderboard does not change	Add a line to increment the trade count in the sell stock function	2
12	A user's buying power only decreases by the price of one share of a stock even when they attempt to buy more	A user's buying power is updated with the correct dollar amount	A user's buying power is updated with the price of one share of stock, regardless of how many they attempted to buy	Correct the formula for price of an order to include price per share multiplied by quantity	2
13	When the starting amount of a game is updated, each user's buying power is not updated	A user's buying power is updated to reflect the new starting amount when the game settings are changed	A user's buying power does not change when the game settings are changed	Update buying power for each user when game settings are changed	2
14	Switching back from weekly trending to daily trending updates the buy count values from weekly to daily but does not change the stocks back to the ones that are trending that day	Table with the correct daily trending stocks	Table with the weekly trending stocks but with the daily buy count	Set the table array back to daily trending when the Daily button is clicked	2
15	When switching to weekly trending stocks, visible is never set to true so the table is never shown	The weekly trending stock table	Table is never displayed	Set visible to true after fetching the weekly trending values	2
16	Removing a stock from your watchlist removes 2 from the table	Clicking remove only removes the correct stock	Clicking remove removes the specified stock and the one after	Change the splice call from 2 to 1	3
17	Sorting by reverse alphabetical actually sorts by alphabetical	Clicking "Z-A" on the sort dropdown sorts by reverse alphabetical	Clicking "Z-A" on the sort dropdown sorts by alphabetical	In the reverse alphabetical sort function change the ">" to "<"	3
18	If a user owns at least one share of a stock they can sell any number of that stock including more than is owned.	User Does Not Own X Shares of Y	You have successfully sold X Shares of Y Then Buying power is increased.	Add a check to see if the user's amount owned is greater or equal to the amount they want to sell.	2

19	When a user clicks on the "1y" tab of the data graph, the previous 6 months are shown instead of the previous year of data.	A graph with the data from the past year is displayed.	A graph with the data from the past 6 months is displayed.	Change the API call to search for and limit by one year rather than 6 months for stock data.	2
20	The daily Trending page is not in sorted order.	The Day Trending stocks are displayed in descending order.	The Day Trending stocks are displayed in a shuffled order.	Remove any code that may be shuffling the array and ensure it is sorted.	3
21	The watchlist will still appear even if the user has not added anything to the watchlist.	No watchlist appeared on the home page.	An empty watchlist appears on the home page and you can access the watchlist page.	Add a check to not display the watchlist card if there are no stocks being watched.	3
22	Opposite button displays for adding or removing from a watchlist	Correct button displays	Opposite button displays	Either switch the conditional state or swap statement order	3
23	When creating a game, the start date is able to be made after the end date	The error message makes the user aware of bad dates	No error message occurs	Add a catch for that possibility	2
24	Values of stock percent change are sorted backward	Correct sort	Backward sort	Reverse the order of the variables in the sorting function	3
25	Buying power can be set to a negative value when updating a game	Error message makes the user aware of invalid negative buying power input	No error message will occur	Make a check for a negative value in buying power	2

