CS 40800: Phase 2 Higher-Order Testing

Project Title: Trader Pete from Team 4

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Defect No.	Defect Description	Defect Severity	Type of Higher-Order Testing	Test Case No. OR Description
1	Backend server sends back the user's token in the parameters when viewing a user's profile. With the token, anyone can pretend to be that user to add a listing, mark that user's listing as sold and even delete that user's listing.	1	Security Testing	From frontend, log in as a user and the go to another user's profile. Inspect the response of that HTTP request using web developer tool in Firefox. Obtain the token of another user. (1) Send HTTP to add listing request with the token obtained using postman rather than the web app frontend. Go to Home to check if the listing is added. (2) Obtain the user's listing id by inspecting the response of getting listing HTTP request. Send HTTP mark sold request with the token obtained of that specific user and with a listing id of the listing by that user. Log in as that user to check if the item is marked as sold. (3) Send HTTP delete request with the token obtained of that specific user and with a listing id of the listing by that user. Go to Home to check if the listing is gone.

2	Backend server does not keep track of whether a user has logged in before performing an action.	1	Security Testing	Inspect the HTTP request header and body using web developer tool. Send HTTP request using postman rather than the web app frontend without login.
3	Backend server does not keep track of whether a user has logged out before performing an action. There is no logout request sent to the server when logout is clicked on the frontend.	2	Security Testing	From frontend, login and then log out. Inspect the HTTP request sent.
4	The website is not in HTTPS.	2	Security Testing	From frontend, check if the website to see if the website is in HTTPS.
5	The backend does not check if the Purdue email is valid or if it exists. The user can just create an account with an invalid Purdue email and pretend to be affiliated to Purdue.	2	Security Testing	Go to sign up page to sign up an account with "xxx"@purdue.edu and it will go through.
6	As a user, I was able to edit listings that have been created by other users.	2	Security Testing	21.9 When logged in to an account, check whether I am able to edit other user's listings. When clicking into an item, I'm able to go to edit listing page and alter any details of the item shown on the item detail page by another user.
7	On the Login page, when the window is resized, if we scroll down to fill in the login form, the background image is not stretched to fill in the window and the text is not displayed in the input box after entering input.	3	Usability Testing	1.9.2 Go to the login page. Reduce the window size until a vertical scroll bar appears. Scroll down the window. Type in the login form.

8	Sorting is not responsive and requires extra operations.	1	Usability Testing	4.1 After selecting a sorting method, the listing does not take effect until clicking the search button.
9	Can only set location by dragging pin on the map. Without typing the address, it can be hard to pinpoint a specific targeted location.	3	Usability Testing	6.8 Go to add listing page. Choose include location.
10	When a listing's title is too long, its homepage listing layout becomes erroneous, in which the texts overlap with the next listing.	2	Usability Testing	6.13 After creating the item with a title of 200 characters, heading back to home page, the defect shows up.
11	After clicking on a tag, a page similar to home page shows up, but the sort dropdown menu style is erroneous.	1	Usability Testing	18.1 After clicking on the tag of an item, the defect shows up.
12	Send multiple repeated lines of messages to another user	2	Usability Testing	When logging into more than one account using the same browser and send messages to each other; at some point, the message recipient will see multiple lines of the same message appear on their chat box
13	User can't refresh the webpage	1	Usability Testing	When the user refreshes the web page, the system logs out the user and returned back to the login page
14	Cannot go to my profile page when clicking my profile button on the navigation bar on another user's profile page	3	Usability Testing	Go to another user's profile page. Click on my profile button on the navigation bar.

15	After creating a large number of listings, it takes a much longer time to load the profile page. After loading the profile page, the webpage also becomes unresponsive when clicking links to other pages.	2	Volume Testing	Add 10000 listings. Go to my profile page to check my listings. Click Home/Add listing.
16	After creating a large number of rating, it takes a much longer time to load the rating page and be a little unresponsive(typing and changing the star will be laggy). The background image will zoom on its own when the number of comment increased.	2	Volume Testing	Add 10000 of rating. Go to my profile to check on the rating. Type in a comment and change the star rating.