

Higher-Order Testing - Team 4

Matthew Lenartowicz, Tyler Grikas, Aaron Dierking, Evan Tragesser, Guntas Grewal, Jacob Nordland

Performance Testing

#	Description	Severity
1	Launching the application takes longer than expected; about 10 seconds.	2
2	If you disable your internet connection with the application open, then re-enable it, you will not be able to login or register.	3

Volume Testing

#	Description	Severity
1	When entering a comment on a workout plan, if you enter a very large amount of text, the program permanently freezes or crashes.	1
2	When entering search term, if you enter a very large amount of text, the program permanently freezes or crashes.	1
3	When you add an activity to your plan and you enter a very large number for the count, the activity does not get added to your plan.	2
4	After creating a new activity with a large name, the "Add New Activity" button on the main page doesn't open the new activity windows.	1
5	After making several activities with large names the app no longer opens	1

Stress Testing

#	Description	Severity
1	When entering a very large plan name, the interface lags when displaying the text you are typing.	2
2	Making large activity names causes the app to slow down when resizing the activity bar in the plan page	3
3	When entering a very long username into the search box, it causes the app to freeze up for about 15 seconds, and display garbage characters in the search box.	3

4	If you add an activity with a very large amount of text, when you try to scroll down to it, the UI freezes up for 2-3 seconds then loads it every time you scroll over it.	3
----------	--	----------

Usability Testing

#	Description	Severity
1	Less generic error messages. Instead of messages that inform the user that an error occurred, give a message saying that you aren't connected to a network or not to select a username that is longer than the program will allow.	2
2	After logging in successfully, the app displays a prompt that requires you to press "Okay," which is unnecessary and tedious.	3
3	After logging in, the button that displays the login username in the form a button which does not do anything.	3
4	The program's window can be resized, but its user interface does not resize along with it. This makes it difficult to view large amounts of information because the UI does not maximize correctly.	2
5	When adding an activity to your weekly plan, if you add a duplicate, no message displays notifying that the activity you are trying to add is a duplicate. There is no way to tell if it was added or not without checking your actual activity plan.	3
6	On the stat page, the toggle button for Public is irresponsive. Checking or unchecking the button makes no difference to the page.	2
7	While the app is loading when initially launched there is no indication to whether the app is loading or not.	3
8	Data tables in the Weekly Plan that use resizable column headings can be resized to have a 0 width, by resizing it past the table to the left or right. This makes the column impossible to access and resize back to normal.	1
9	After entering the user login details if you hit enter it cancels the login dialog box instead of attempting to login.	2
10	Pressing the Clear button on the Plan page does nothing.	2
11	When a user is on the share page and logs out the share page disables itself but leaves the previous contents displayed at reduced opacity.	2

12	User plans are saved locally, and are not tied to user account. Thus, when logging in from a different computer, a user's pre-made plans do not appear.	2
13	Dialog boxes (e.g. the login dialog) have minimize buttons on them, but the buttons do nothing.	3
14	On both the Comment page and the Plan Detail page, when you try to hit the - button on the top right, the window does not minimize.	3
15	When you try to load shared workout plans new comments, and new ratings, you have to restart the application in order for them to load.	2
16	When registering a new account, when choosing your password, if you go over the character limit, the program does not tell you to enter a shorter password. It only tells you there was an error.	3
17	When typing in the search bar at the top, putting in special characters inserts the character at the left side of the string.	3
18	When resizing the column on the left of the plan page, some of the day names above the tables stay in the same place.	2
19	Various misspellings and incorrect grammar usage throughout the app. (e.g. "Invite your firend!" and "Your login request succeed!")	3

Security Testing

#	Description	Severity
1	User credentials are not encrypted and authentication is performed by the client. It is possible to get the password for any account by attempting to log into it and then packet sniffing the connection to the server.	1
2	The program connects directly to a MySQL database and this connection is not encrypted. This makes it possible to get the username and password to the database via packet sniffing and log into it with full access rights.	1
3	Last user's test plans are not cleared from application window when they log out.	2
4	The same user can be logged in on any number of machines	3