Assignment 2

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Introduction:

I have been assigned the task to both create this word document as well as do some Katalon testing using the Katalon extension in my Google Chrome browser. The purpose of this testing is to ensure that upon account creation using a given admin username/password for the website:

<https://csunix.mohawkcollege.ca/tooltime/comp10066/A3/>

**1.** The first test suite that I will be running titled **1\_ADMIN** will test whether or not accounts can be created as well as, will those accounts be able to create new accounts themselves and have administrator privileges. 1a\_AdminCreate (1st test case).

The second Test that I will be running will be to determine that upon account creation, if the administrator falls outside the requirements of both username and passwords will the account actually still get created. Meaning, will the administrator be able to bypass these requirements. 1b\_UserPass (2nd test case).

I will **not** be testing navigating the site as this is not in the scope of the test. I will not be testing any vocabulary or grammatical errors as again, this does not fall within the scope of the test.

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| **Test # (Suite)** |  | **Test Name** | **Reason For Test** | **Expected Result** | **Observed Result** |
| 1\_ADMIN |  | 1a\_AdminCreate | The reason for this test to showcase that once created by Admins (these accounts that were created) would also be able to function as the main admin and still be able to create accounts. | All accounts that will be created both JChallis and JJChallis will function properly as an admin account and also be able to create accounts themselves. | All accounts that were created JChallis and JJChallis worked as expected. The accounts were created and had to pass the same red tape in username and password generation that the original admin account (given to us) had to go through. |
|  |  | 1b\_UserPass | Determine that upon account creation, if the administrator falls outside the requirements of both username and passwords will the account actually still get created. | The administrator will not be able to set up the account if the username and password requirements are not met. | What I observed in this test case was that even if you want to create a user outside the username and password requirements you are still able to do so which is not right! |
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**Bug Summary:**

1\_ADMIN test suite # 1. There are no bugs to report while creating new users and in my specific test I was testing to see that the other admin accounts could also create new admin accounts.

**2.** The second test suite that I will be running **2\_USER** will be to make sure that the user (member) can access the website and also that all links on the website are valid.

The first test that I will be running in the test suite will be to test whether or not users can freely access the content that is being shared with them to ensure that their navigation experience is not compromised. **2a\_Navigation**

The second test that I will be running is the test suite will be to test whether or not the directory works for users to be able to accurately get in touch with one of the businesses that are listed. For example I will be testing to see if when I click on Aurora, that the business listed there is actually in Aurora. **2b\_Directory**

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| **Test # (Suite)** | **Test Name** | **Reason for test** | **Expected Result** | **Observed Result** |
| 2\_USER | 2a\_Navigation | To test whether or not users can freely access the content that is being shared with them to ensure that their navigation experience is not compromised | That the user will be able to navigate the pages/links on the website and not have any issues switching between new ones and back to old ones. | The user is fully able to do everything expected when it comes to navigation on the site. |
|  | 2b\_Directory | to test whether or not the directory works for users | The city names match the businesses in those cities. | The directory worked exactly as was expected and the user was able to easily select a city and see the results that showed up in the city that they had searched for |

**Bug Summary:** 2\_USER test suite # 2. There are no bugs to report that would suggest that the user experience when both navigating the website and directory are compromised.

**3.** The third test suite that I will be running **3\_Cleanup** is to make sure that all accounts I created with my admin account are cleaned off the website and that they are not left there to cause trouble or any damage to the website.

The only test that will be run in this suite 3a\_Cleanup will be to remove everything that I added to the site. The user ChallisUser, UserChallis, 5678, JChallis and JJChallis will be deleted from the website.

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| **Test # (Suite)** | **Test Name** | **Reason for test** | **Expected Result** | **Observed Result** |
|  | 3a\_Cleanup | to make sure that all accounts I created with my admin account are cleaned off the website | I will be able to remove all accounts that I created | The test went flawlessly. I was able to successfully delete all of the accounts that I had created. |

**Bug Summary:** 3\_Cleanup test suite # 3. There are no bugs to report when removing the accounts that I created to do my tests.

**Procedure to test using Katalon Recorder:**

The process of using the Katalon Recorder is very simple and in fact, very user friendly as I’ve not personally had experience with such software before this class. All that I had to do was download the Katalon Recorder extension into Chrome which you’ve already done and simply open it up while on the web page I’m looking to test. While the Katalon Recorder is open, all that needs to be done to test the website is to simply hit the record button at the top of the software window left side.

Once you have completed what you’re looking to test for example it could be spelling and grammar contained within the pages, you could simply hit the stop button and any kind of code or written test that you have asked it to do will be displayed to you in the software. A very simple tip is that green means that the test has passed and red means that it failed or conversely had a bug that needs to be addressed.