Homework #43 Test Automation Planning Facebook.

**Use Cases**

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| --- | --- | --- |
| **project** | **id** | **use cases** |
| facebook.com | 01 | Login page title is: "Welcome to Facebook - Log In, Sign Up or Learn More". |
| 02 | Login page contains Email or Phone text fields. |
| 03 | Login page contains Password text fields. |
| 04 | Login page contains Log In button. |
| 05 | Login page contains copyright text: "Facebook © 2016". |
| 06 | Login using valid credentials (email be-serg@outlook.com and password \*\*\*\*\*\*) |
| 07 | Click on Timeline button |
| 08 | Validate you have 1 friend |
| 09 | Successful Logout |

**Input Data**

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| --- | --- | --- | --- |
| type | id | input data | example |
| CSV | 01 | Test Case ID | TC-01.01 |
| 02 | Account Name | profile.php?id=100011348564766 |
| 03 | Amount of friends to verify | 1 |
| Runner | 04 | GITHUB\_ACCOUNT | sergbe |
| 05 | WS\_DIR | Workspace |
| 06 | REPO\_NAME | Test\_Automation\_Planning\_Facebook |
| 07 | APP\_VERSION | 1.1 |
| 08 | MAIN\_CLASS | core.SeleniumFacebook |
| CLA | 09 | ARGS\_01 [password] \* | source ~/run.sh password |

\* Password will be provided as a Command Line Argument ONLY

04. Test Cases

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| **TC-01.01** | **Login page title is: "Welcome to Facebook - Log In, Sign Up or Learn More".** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1.    Launch Browser (Firefox 46.0.1) | | Title: Welcome to Facebook - Log In, Sign Up or Learn More |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/) | |

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| **TC-01.02** | **Login page contains Email or Phone text field** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | Email or Phone text field should be displayed |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/) | |

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| **TC-01.03** | **Login page contains Password text field** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | Email or Phone and Password text fields should be displayed |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/) | |

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| --- | --- | --- |
| **TC-01.04** | **Login page contains Log in button** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | Email or Phone and Password text fields and button “Log in” on the right near Password field should be displayed |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/) | |

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| --- | --- | --- |
| **TC-01.05** | **Login page contains copyright text: “Facebook @ 2016”** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | In the lower left corner of the Login page copyright text “Facebook @ 2016” should be displayed |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/) | |

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| --- | --- | --- |
| **TC-01.06** | **Login using valid credentials (email address and password)** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | You should be successfully sent to the page of Serg Be Facebook account  https://www.facebook.com/profile.php?id=100011348564766 |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/)  3. Create a new email account or use valid email account for registration on facebook.com  4. Fill up the next below fields for user Serg Be:  “Email or Phone”: [be-serg@outlook.com](mailto:be-serg@outlook.com)  “Password”: \*\*\*\*\*\*  5. Click on button “Log in” | |

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| **TC-01.07** | **Click on Timeline button https://www.facebook.com/profile.php?id=100011348564766** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | You will be send to the page <https://www.facebook.com/profile.php?id=100011348564766> with activated button “Timeline” and information about Serg Be. On the left side of the page you will see window with information about school, intro, photos, priends. |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/)  3. Fill up the next below fields for user Serg Be:  “Email or Phone”: [be-serg@outlook.com](mailto:be-serg@outlook.com)  “Password”: \*\*\*\*\*\*  4. Click on button “Log in”  5. Click on button “Serg Be” in the left top corner of the displayed page | |

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| --- | --- | --- |
| **TC-01.08** | **Validate you have 1 friend** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | Step #6  You will be send to the page:  <https://www.facebook.com/profile.php?id=100011348564766&sk=friends&source_ref=pb_friends_tl>  Where quantity “all friends” should be 1 and you can see all friends of Serg Be  Step #8  You will be send to the page:  <https://www.facebook.com/profile.php?id=100011348564766&sk=friends&pnref=lhc>  Where quantity “all friends” should be 1 and you can see all friends of Serg Be |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/)  3. Fill up the next below fields for user Serg Be:  “Email or Phone”: [be-serg@outlook.com](mailto:be-serg@outlook.com)  “Password”: \*\*\*\*\*\*  4. Click on button “Log in”  5. Click on button “Serg Be” in the left top corner of the displayed page  6. Click on the button “Friends 1” under the name “Serg Be” on the page  7. Click on the “Timeline” button  8. Click on the button “Friends” or button “1” near the button “Friends” on the left side of “Timeline” page | |

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| --- | --- | --- |
| **TC-01.09** | **Successful Logout** | **PASS             BLOCK            FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 46.0.1) | | You will be redirected to the Log out (Log in) page “Facebook- Log in, Sign up” with sign “Thanks for stopping by. We hope to see you again” |
| 2.    Launch facebook application: [http://www.facebook.com](http://www.facebook.com/)  3. Fill up the next below fields for user Serg Be:  “Email or Phone”: [be-serg@outlook.com](mailto:be-serg@outlook.com)  “Password”: \*\*\*\*\*\*  4. Click on button “Log in”  5. Click on the button “User Navigation” in the right top corner of the page.  6. In the opened contest menu chose “Log out” field and click on this field. | |

05. Create list of all (participated in testing) html elements (name, tag, id [if exist], xpath), using: Firebug 2.0.16

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| --- | --- | --- | --- | --- |
|  | **html elements** | **tag** | **id** | **xpath** |
| 01 | title (html) | <title> | pageTitle | / /html/head/title |
| 02 | Email or Phone | <input> | email | id('email')  //\*[@id="email"]  /html/body/div/div[1]/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[1]/input |
| 03 | Password | <input> | pass | id('pass')  //\*[@id="pass"]  /html/body/div/div[1]/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[2]/input |
| 04 | Log In | <input> | u\_0\_n | id('u\_0\_o')  //\*[@id="u\_0\_o"]  /html/body/div/div[1]/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[3]/label/input |
| 05 | Copyright | <span> | pageFooter | id('pageFooter')/x:div[3]/x:div/x:span  //\*[@class="mvl copyright"]/div/span  /html/body/div/div[2]/div[2]/div[3]/div/span |
| 06 | Timeline button |  | u\_jsonp\_5\_1 | id('u\_jsonp\_5\_1')/x:div/x:a[1]  /html/body/div[1]/div[2]/div[1]/div/div[2]/div[2]/div[2]/div/div[1]/div/div[3]/div/div[2]/div[2]/div/div/a[1] |
| 07 | # Friends | <span> | u\_jsonp\_7\_13 | id('u\_jsonp\_7\_13')/x:div/x:div[1]/x:div/x:div[1]/x:div/x:div/x:div[2]/x:div/x:span[2]/x:a  /html/body/div[1]/div[2]/div[1]/div/div[2]/div[2]/div[2]/div/div[2]/div[2]/div[1]/div[1]/div[1]/div[2]/ol/li[2]/div/div/div/div[1]/div/div[1]/div/div/div[2]/div/span[2]/a |
| 08 | Log Out | <span> | u\_1u\_1 | id('u\_1u\_1')/x:div/x:div/x:div[1]/x:div/x:div/x:ul/x:li[12]/x:a/x:span/x:span  /html/body/div[18]/div/div/div/div/div[1]/div/div/ul/li[12]/a/span/span |

06. Validate xpath of all (7) html elements, using: xPath Checker0.4.4.1 and provide snapshot of all elements

*Example:*

|  |  |  |
| --- | --- | --- |
|  | **html elements** | **snapshot** |
| 01 | Email or Phone field | ../../Desktop/Screen%20Shot%202016-06-04%20at%2011.49.48%20PM |
| 02 | Password field | ../../Desktop/Screen%20Shot%202016-06-04%20at%2011.55.48%20PM |
| 03 | Log In button | ../../Desktop/Screen%20Shot%202016-06-04%20at%2011.57.50%20PM |
| 04 | Copyright | ../../Desktop/Screen%20Shot%202016-06-04%20at%2011.59.43%20PM |
| 05 | Timeline button | ../../Desktop/Screen%20Shot%202016-06-05%20at%2012.02.53%20AM |
| 06 | # of Friends | ../../Desktop/Screen%20Shot%202016-06-05%20at%2012.04.16%20AM |
| 07 | Log Out button | ../../Desktop/Screen%20Shot%202016-06-05%20at%2012.06.22%20AM |

07. Properties file (url,title,ids, xpaths, etc.)

*Example:*

|  |  |
| --- | --- |
| 01 | **url=**[**http://www.facebook.com**](http://www.facebook.com/) |
| 02 | **title=Welcome to Facebook - Log In or Sign Up** |
| 03 | **email\_or\_phone\_id=email** |
| 04 | **password\_id=pass** |
| 05 | **login\_id=u\_0\_u** |
| 06 | **copyright\_xpath=//\*[@class="mvl copyright"]/div/span** |
| 07 | **timeline\_xpath=**/html/body/div[1]/div[2]/div[1]/div/div[2]/div[2]/div[2]/div/div[1]/div/div[3]/div/div[2]/div[2]/div/div/a[1] |
| 08 | **number\_of\_friends\_xpath=**/html/body/div[1]/div[2]/div[1]/div/div[2]/div[2]/div[2]/div/div[2]/div[2]/div[1]/div[1]/div[1]/div[2]/ol/li[2]/div/div/div/div[1]/div/div[1]/div/div/div[2]/div/span[2]/a |
| 09 | **logout\_xpath=**/html/body/div[18]/div/div/div/div/div[1]/div/div/ul/li[12]/a/span/span |

08. CSV file

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| 01 | **TC-01.08,profile.php?id=100011348564766,1** |