1. **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: [irenia08@mail.ru](mailto:irenia08@mail.ru) and password - qwerty) |
| 07 | Click on Timeline button |
| 08 | Validate you have 36 friends |
| 09 | Successful Logout |

1. **Input Data**

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| **Type** | **Id** | **Input data** | **Example** |
| **csv** | 01 | Test Case ID | TC-01.08 |
| 02 | Account name | profile.php?id=100000655963939 |
| 03 | Amount of friends to verify | 36 |
| **Runner** | 04 | GITHUB\_ACCOUNT | Gvadelupa |
| 05 | WS\_DIR | Workspace |
| 06 | REPO\_NAME | Facebook\_Friends\_Validation |
| 07 | APP\_VERSION | 1.1 |
| 08 | MAIN\_CLASS | core.App |
| **CLA** | 09 | ARGS\_01 [PASSWORD] | Source ~/run.sh password |

1. **Test Cases**

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| TC-01.01 | Login page title is: " Facebook - Log In, Sign Up". | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: http://www.facebook.com | | Title: Facebook - Log In, Sign Up, Connect with friends and the world around you on Facebook. |

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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 45.0.2)  2. Launch facebook application: http://www.facebook.com | | Email or Phone text field should be displayed. |

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| TC-01.03 | Login page contains Password text field. | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: http://www.facebook.com | | Email or Phone and Password text fields should be displayed |

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| TC-01.04 | Login page contains Log in button | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: http://www.facebook.com | | Email or Phone, Password text fields and button “Log in” on the right near Password field should be displayed |

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| TC-01.05 | Login page contains copyright text: “Facebook @ 2016”. | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: http://www.facebook.com | | In the lower left corner of the Log in page copyright text “Facebook @ 2016” should be displayed. |

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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 45.0.2)  2. Launch facebook application: <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 Elena Komarova:  “Email or Phone”: [irenia08@mail.ru](mailto:irenia08@mail.ru);  “Password”: “qwerty”  5. Click on button “Log in” | | You should be successfully send to the page of Elena Komarova Facebook account.  <https://www.facebook.com/profile.php?id=100000655963939> |

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| TC-01.07 | Click on Timeline button (https://www.facebook.com/ https://www.facebook.com/profile.php?id=100000655963939) | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: <http://www.facebook.com>  3. Fill up the next below fields for user Elena Komarova:  “Email or Phone”: [irenia08@mail.ru](mailto:irenia08@mail.ru);  “Password” : “qwerty”  4. Click on button “Log in”  5. Click on the button “Elena Komarova” in the left top corner of the displayed page | | You will be send to the page <https://www.facebook.com/profile.php?id=100000655963939> with activated button “Timeline” and information about Elena Komarova.  On the left side of the page you will see window with information about school, intro, photos, friends. |

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| TC-01.08 | Validate you have 36 friends | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: <http://www.facebook.com>  3. Fill up the next below fields for user Elena Komarova:  “Email or Phone”: [irenia08@mail.ru](mailto:irenia08@mail.ru);  “Password” : “qwerty”  4. Click on button “Log in”  5. Click on the button “Elena Komarova” in the left top corner of the displayed page.  6. Click on the button “Friends 36” under the name “Elena Komarova” on the page  7. Click on the “Timeline” button  8. Click on the button “Friends” or button “36” near the button “Friends” on the left side of “Timeline”page. | | You will be send to the page <https://www.facebook.com/profile.php?id=100000655963939&sk=friends&source_ref=pb_friends_tl>  where quantity “all friends” should be 36 and you can see all friends of Elena Komarova.  You will be send to the page <https://www.facebook.com/profile.php?id=100000655963939&sk=friends&pnref=lhc>  where quantity “all friends” should be 36 and you can see all friends of Elena Komarova. |

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| TC-01.09 | Successful Logout | **PASS BLOCK FAIL** |
| **PROCEDURE** | | **EXPECTED RESULT** |
| 1. Launch Browser (Firefox 45.0.2)  2. Launch facebook application: <http://www.facebook.com>  3.Fill up the next below fields for user Elena Komarova:  “Email or Phone”: [irenia08@mail.ru](mailto:irenia08@mail.ru);  “Password” : “qwerty”  4. Click on button “Log in”  5. Click on the button “\_\_” in the right top corner of the page.  6. In the opening contest menu chose “Log out” field and click on this field. | | 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” |

**04. 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 (Facebook – Log In or Sign Up) | /html/head/title |
| 02 | Email or Phone | input | email | id('email')  //\*[@id="email"]  /html/body/div/div[1]/div/div/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[1]/input |
| 03 | Password | input | pass | /html/body/div/div[1]/div/div/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[2]/input  id('pass')  //\*[@id="pass"] |
| 04 | Log in | input | u\_o\_y | id('u\_0\_y')  //\*[@id="u\_0\_y"]  /html/body/div/div[1]/div/div/div/div/div/div/div[2]/form/table/tbody/tr[2]/td[3]/label/input |
| 05 | Copyright | span | N/A | 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 |  | N/A | id('u\_jsonp\_4\_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 | N/A | id('u\_jsonp\_3\_3')/x:div/x:a[3] (upper)  id('u\_jsonp\_3\_24')/x:div/x:div[1]/x:div/x:div[1]/x:div  /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[3] |
| 08 | Log out | span | N/A | /html/body/div[22]/div/div/div/div/div[1]/div/div/ul/li[12]/a/span/span  //li[12]/a/span/span/ |