**Assignment # 2**

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**ID:** FA19-BSSE-0014

**Course:** SQE-Spring [CS4180]

**Section:** BM

**Teacher:** Teerath Das (Dr.)

Q1: You are part of SQE team at software Organization. Select any website and test the functionality

of any four features of the website by performing the given tasks.

Task

• Identify the Positive and Negative Test Scenarios of each feature.

• Design valid and invalid test case of each scenario.

**Website**: **https://www.facebook.com/**

**Positive Test Scenarios (valid test case):**

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| --- | --- | --- | --- |
| Project Name | Facebook |  |  |
| Test Id: | 001 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify login the system with valid email and password | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Enter username | abs@gmail.com | Valid Email |
| 3 | Enter Password | abs123 | Valid password |
| 4 | Click on login button |  | Facebook landing page will appear |

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| Project Name | Facebook |  |  |
| Test Id: | 002 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify the system after login | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already login | Redirect to Home page |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

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| --- | --- | --- | --- |
| Project Name | Facebook |  |  |
| Test Id: | 003 | Test Designed By: | Muhammad Fahad |
| Test Title: | Posting Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify that the post is posted. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Click Create a new Post | Insert image, text, video and etc. | Review the image, text, video and etc. |
| 3 | Click on upload button |  | The upload process need to start |
| 4 |  |  |  |

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| Project Name | Facebook |  |  |
| Test Id: | 004 | Test Designed By: | Muhammad Fahad |
| Test Title: | Post Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify the like button work properly. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already login | Redirect to Home page |
| 2 | Click the like button |  | Count of likes increase (+1 on every like). |
| 3 |  |  |  |
| 4 |  |  |  |

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| Project Name | Facebook |  |  |
| Test Id: | 005 | Test Designed By: | Muhammad Fahad |
| Test Title: | Post Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify that the post comments are working properly. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Click on comments section |  | View other comments |
| 3 | Enter your comment | “Anything comes here” | The new comments need to come at the end. |

**Negative Test Scenarios (Invalid test case):**

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| Project Name | Facebook |  |  |
| Test Id: | 006 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify login the system with invalid email and valid password. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Enter username | abs@gmail.com | Invalid Email |
| 3 | Enter Password | abs | Valid password |
| 4 | Click on login button |  | Error message need to popup |

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| Project Name | Facebook |  |  |
| Test Id: | 007 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify login the system with email and invalid password. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Enter username | abs@gmail.com | Valid Email |
| 3 | Enter Password | abs | Invalid password |
| 4 | Click on login button |  | Error message need to popup(not login). |

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| --- | --- | --- | --- |
| Project Name | Facebook |  |  |
| Test Id: | 008 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify login the system with invalid email and invalid password. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Enter username | abs@gmail.com | Invalid Email |
| 3 | Enter Password | abs | invalid password |
| 4 | Click on login button |  | Error message need to popup (not login). |

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| --- | --- | --- | --- |
| Project Name | Facebook |  |  |
| Test Id: | 009 | Test Designed By: | Muhammad Fahad |
| Test Title: | Post Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify that the post comments can add empty. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Click on comments section |  | View other comments |
| 3 | Enter your comment | “” | add nothing. |
| 4 | Click on send on post |  | Empty post can’t be add. |

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| Project Name | Facebook |  |  |
| Test Id: | 010 | Test Designed By: | Muhammad Fahad |
| Test Title: | Login Functionality | Test Designed Date: | 24-May-22 |
| Description: | Verify login the system with empty email and password. | | |
| S.No | **Test Steps** | **Test Input** | **Expected Result** |
| 1 | Open facebook.com | Is already not login | Redirect to Login page |
| 2 | Enter username | “” | Empty Email |
| 3 | Enter Password | abs | password |
| 4 | Click on login button |  | Error message need to popup (not login email is requested). |