**LOGIN AND SIGN UP TEST CASE SCENARIO – TEST CASES AND RESULTS**

**Test Suite**

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| **Test Case** | **Desc** | **Steps** |
| TC-1 | Login with correct credentials | Username as "Billy99" and password as "pass123". Press login. Verify on homepage for Billy99 |
| TC-2 | Login with incorrect credentials | type username as "Billy99" and password as "coolbeans". Press login. Verify message says incorrect password |
| TC-3 | Sign up with Less than 6 Characters | Username as “Dave1” Password as “Dave001” Verify message shows nothing. |
| TC-4 | Sign up with only lowercase letters | Username as “ravikumar” Password as “ravi2015” Verify message shows nothing |
| TC-5 | Sign up with only numbers | Username as “569234” Password as “9856432” Verify message shows nothing |
| TC-6 | Sign up with upper case letters only | Username as “HONEYWELL’ Password as “Honey1523” Verify message shows nothing |
| TC-7 | Sign up with same username and password | Username as “Wonder3” Password as “Wonder3” Verify message shows “Success” |
| TC-8 | Sign up with more than 10 characters | Username as “Wonderful100” password as “Money146” verify message shows nothing. |
| TC-9 | Sign up with only Uppercase and Lowercase letters | Username as “KelsyRaj” Password as “Raj5632” Verify message shows nothing |
| TC-10 | Sign up with Uppercase letters and numbers | Username as “DAVID123” Password as “wateR22” Verify message shows nothing |
| TC-11 | Sign up with lowercase letters and numbers | Username as “hari2022” Password as “skyful321” Verify message shows nothing. |

**Defect Report**

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| Defect | Description | Severity | Priority | Steps to reproduce |
| DEF1 | Pop up message says incorrect password. | High | High | Login with correct username and pw |
| DEF2 | Pop up message says incorrect password. | Low | Low | Login with correct username and pw. |
| DEF3 | No pop-up message | Low | High | Sign up with correct username and pw. |
| DEF4 | No pop-up message | Low | High | Sign up with correct username and pw |
| DF5 | No pop-up message | Low | High | Sign up with correct username and pw |
| DF6 | No pop up message | Low | High | Sign up with correct username and pw |
| DF7 | Pop up message says “Success” | High | High | Sign up with correct username and pw |
| DF8 | No pop-up message | Low | High | Sign up with correct username and pw |
| DF9 | No pop-up message | Low | High | Sign up with correct username and pw |
| DF10 | No pop-up message | Low | High | Sign up with correct username and pw |
| DF11 | No pop-up message | Low | High | Sign up with correct username and pw |

**Requirements Traceability Matrix**

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| --- | --- | --- | --- |
| Requirement | Test Cases | Status | Defects |
| Correct UN and PW, User must direct to the home page. | UN: “Billy99”  PW: ”pass123” | Fail | DEF1 |
| User should show the message “UN/PW failed” | UN: “Billy99”  PW: “%s%” | Fail | DEF2 |
| User should show the message "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “Dave1”  PW: “Dave001” | Fail | DEF3 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “ravikumar”  PW: “ravi2015” | Fail | DEF4 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “569234”  PW: “9856432” | Fail | DEF5 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “HONEYWELL”  PW: “Honey1523” | Fail | DEF6 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character, and not be the same as the username" | UN: “Wonder3”  PW: “Wonder3” | Fail | DEF7 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “Wonderful100”  PW: “Money146” | Fail | DEF8 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “KelsyRaj”  PW: “Raj5632” | Fail | DF9 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “DAVID123”  PW: “wateR22” | Fail | DEF10 |
| Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character" | UN: “hari2022”  PW: “skyful321” | Fail | DEF11 |

**High SEVERITY AND Priority DEFECTS**

1. I tried to login using the correct username "Billy99" and password "pass123" but showing

incorrect password.

1. Sign up with same username and password shows success. Message should show "Usernames must be 6-10 characters long and contain an upper, lower, and numeric character and not be the same as the username"