**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 | Desc | 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 | Login with correct username and pw. |
| DEF4 | No pop up message | Low | High | Login with correct username and pw |
| DF5 | No pop-up message | Low | High | Login with correct username and pw |
| DF6 | No pop up message | Low | High | Login with correct username and pw |
| DF7 | Pop up message says “Success” | High | High | Login with correct username and pw |
| DF8 | No pop-up message | Low | High | Login with correct username and pw |
| DF9 | No pop-up message | Low | High | Login with correct username and pw |
| DF10 | No pop-up message | Low | High | Login with correct username and pw |
| DF11 | No pop-up message | Low | High | Login 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 “Username and PW must have 6-10 characters” | UN: “Dave1”  PW: “Dave001” | Fail | DEF3 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “ravikumar”  PW: “ravi2015” | Fail | DEF4 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “569234”  PW: “9856432” | Fail | DEF5 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “HONEYWELL”  PW: “Honey1523” | Fail | DEF6 |
| Message should show “Username and passwords cannot be the same” | UN: “Wonder3”  PW: “Wonder3” | Fail | DEF7 |
| Message should show “Username should not contain more than 10 characters.” | UN: “Wonderful100”  PW: “Money146” | Fail | DEF8 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “KelsyRaj”  PW: “Raj5632” | Fail | DF9 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “DAVID123”  PW: “wateR22” | Fail | DEF10 |
| Message should show “Username must have lowercase letters upper case letter and numbers” | UN: “hari2022”  PW: “skyful321” | Fail | DEF11 |

**High Priority**

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 “Same username and password can’t be used”