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| Test of Objective | Verify the login functionality |
| Name of user | Jannatul Ferdousi |
| Test Date | 23/12/2024 |
| Version | 1.0 |

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| Test Case ID | Title | Description | Reproduce Steps | Expected Result | Actual Result | Status  (Pass / Fail) | Comments |
| TC001 | Verify Login with Valid and Invalid Credentials | Ensure that users with valid credentials can log in and that users with invalid credentials receive appropriate error messages. | 1.Navigate to the application login page. | The user is redirected to the dashboard, and a welcome message is displayed. | Successfully logged in. | Pass | Test passed with no issues. |
| 2. Enter a valid username in the "Username" field. |
| 3. Enter the correct password in the "Password" field. |
| 4. Click the "Login" button. |
| TC002 | Verify Login with Invalid Credentials | Ensure that users cannot log in with incorrect usernames or passwords. | 1. Navigate to the application login page. | The system displays an error message: "Invalid username or password." | The error message is displayed correctly. | Pass | Error message shown as expected. |
| 2. Enter an invalid username or password. |
| 3. Click the "Login" button. |
| TC003 | Verify Login with Invalid Credentials | Ensure that users can successfully register using valid details. | 1.Navigate to the registration page. | The user is successfully registered and redirected to the login page. | Registration completes successfully, and the user is redirected to the login page. | Pass | No issues encountered during registration. |
| 2.Fill in all required fields with valid details (e.g., username, email, password). |
| 3.Click the "Register" button. |
| TC004 | Verify Login with Invalid Credentials | Ensure that the search feature returns accurate results for valid queries. | Log in to the application. | The system displays a list of relevant results for the entered search term. | Results displayed accurately as per the search term. | Pass | Search results were relevant and accurate. |
| Enter a valid search term in the search bar. |
| Click the "Search" button. |
| TC005 | Verify Login with Invalid Credentials | Ensure that users can log out of the application successfully. | Log in to the application. | The user is logged out and redirected to the login page. | Logout successful, and the user is redirected to the login page. | Pass | Logout functionality works as expected. |
| Click the "Logout" button in the menu. |
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Test Environment:

URL: [**https://practicetestautomation.com/practice-test-login/**](https://practicetestautomation.com/practice-test-login/)