**Test Case for login.php**

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**Test cases**

Below is a list of test cases for the login functionality for login.php. Primarily, the values entered will be compared with the data stored in the website database for existing users.

The tests will include the use of correct username and password, a correct username/email but an incorrect password, an incorrect username, and empty fields.

For the successful test case, the username is “test” and the password is “test”.

**Case 1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | | Login-1 | | | **Test Case ID** | | | Login-1A | | |
| **Test Case Description** | | Login with correct username/email and password | | | **Test Priority** | | | high | | |
| **Pre-Requisite** | | Existing account in database | | | **Post-Requisite** | | | NA | | |
| Test Execution Steps: | | | | | | | | | | | |
| **S.No** | **Action** | | **Inputs** | **Expected Output** | | **Actual Output** | **Test Browser** | | **Test Result** | **Test Comments** | |
| 1 | Go to login page | | /Login.php | Login page | | Login page | NA | | pass | Login page opened successfully | |
| 2 | Enter valid username and password | | Username: test  Password: test | profile.php?login=success | | profile.php?login=success | NA | | pass | Login was successful, user now online | |
|  |  | |  |  | |  |  | |  |  | |

**Case 2**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | | Login-1 | | | **Test Case ID** | | Login-1B | | | |
| **Test Case Description** | | Login with incorrect password | | | **Test Priority** | | high | | | |
| **Pre-Requisite** | | Existing account in database | | | **Post-Requisite** | | NA | | | |
| Test Execution Steps: | | | | | | | | | | | |
| **S.No** | **Action** | | **Inputs** | **Expected Output** | | **Actual Output** | | **Test Browser** | **Test Result** | **Test Comments** | |
| 1 | Go to login page | | /Login.php | Login page | | Login page | | NA | pass | Login page opened successfully | |
| 2 | Enter valid username and incorrect password | | Username: test  Password: 123 | login.php?error=WrongPass | | login.php?error=WrongPass | | NA | pass | Correct error message received, user back in login.php | |
|  |  | |  |  | |  | |  |  |  | |

**Case 3**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | | Login-1 | | **Test Case ID** | | | Login-1B | | |
| **Test Case Description** | | Login with incorrect username | | **Test Priority** | | | high | | |
| **Pre-Requisite** | | NA | | **Post-Requisite** | | | NA | | |
| Test Execution Steps: | | | | | | | | | | |
| **S.No** | **Action** | **Inputs** | **Expected Output** | | **Actual Output** | **Test Browser** | | **Test Result** | **Test Comments** | |
| 1 | Go to login page | /Login.php | Login page | | Login page | NA | | pass | Login page opened successfully | |
| 2 | Enter invalid username | Username: not  Password: 123 | login.php?error=UserDNE | | login.php?error=UserDNE | NA | | pass | Correct error message received, user back in login.php | |
|  |  |  |  | |  |  | |  |  | |

**Case 4**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Scenario ID** | | Login-1 | | **Test Case ID** | | | Login-1C | | |
| **Test Case Description** | | Login with no inputs provided | | **Test Priority** | | | high | | |
| **Pre-Requisite** | | NA | | **Post-Requisite** | | | NA | | |
| Test Execution Steps: | | | | | | | | | | |
| **S.No** | **Action** | **Inputs** | **Expected Output** | | **Actual Output** | **Test Browser** | | **Test Result** | **Test Comments** | |
| 1 | Go to login page | /Login.php | Login page | | Login page | NA | | pass | Login page opened successfully | |
| 2 | Click submit button with empty fields | Username:  Password: | “Please fill out this field” | | “Please fill out this field” | NA | | pass | User prevented from proceeding until inputs are given to prevent potential errors in code | |
|  |  |  |  | |  |  | |  |  | |