**Search Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- | --- |
| TC01 | Verify search functionality with valid input | 1. Open universities.html.  2. Enter a valid university name (e.g., "Cairo University") in the search bar.  3. Click "Search" button or press Enter. | Input: "Cairo University" | Results should display universities matching the input. | As Expected | Pass |
| TC02 | Verify search functionality with no results | 1. Open universities.html.  2. Enter a non-existent university name (e.g., "Non-existent University") in the search bar.  3. Click "Search" button or press Enter. | Input: "Non-existent University" | "No results found" message should display. | As Expected | Pass |
| TC03 | Verify search functionality with empty input | 1. Open universities.html.  2. Leave the search bar empty.  3. Click "Search" button or press Enter. | Input: "" | Validation message should appear, such as "Enter a search term." | As Expected | Pass |
| TC04 | Verify case insensitivity in search | 1. Open universities.html.  2. Enter a university name in mixed case (e.g., "CaIrO UnIvErSiTy") in the search | Input: "CaIrO UnIvErSiTy" | Results should display universities regardless of case. | As Expected | Pass |

**Scholarship Search Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- | --- |
| TC01 | Verify scholarship search with valid input | 1. Open scholarships.html.  2. Enter a valid scholarship name (e.g., "Undergraduate Merit Scholarship") in the search bar.  3. Click "Search" button or press Enter. | Input: "Undergraduate Merit Scholarship" | Scholarships matching the input should display in the results. | As Expected | Pass |
| TC03 | Verify scholarship search with invalid input | 1. Open scholarships.html.  2. Enter a non-existent scholarship name (e.g., "Random Scholarship") in the search bar.  3. Click "Search" button or press Enter. | Input: "Random Scholarship" | A "No results found" message should be displayed. | As Expected | Pass |
| TC04 | Verify scholarship search with empty input | 1. Open scholarships.html.  2. Leave the search bar empty.  3. Click "Search" button or press Enter. | Input: "" | A "No results found" message should be displayed. | As Expected | Pass |
| TC05 | Verify case-insensitive search | 1. Open scholarships.html.  2. Enter a scholarship name in mixed case (e.g., "UnDerGraduaTe MeRiT").  3. Click "Search" button or press Enter. | Input: "UnDerGraduaTe MeRiT" | Results should display scholarships regardless of case. | As Expected | Pass |
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**Login Page Test Cases**

| **Test Case ID** | **Test Scenario** | **Test Steps** | **Test Data** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| --- | --- | --- | --- | --- | --- | --- |

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| TC01 | Verify login functionality with valid data | 1. Open login.html.  2. Enter valid email and password. 3. Click "Login". | Email: abdullah.yasser@gmail.com Password: 11223344 | User should navigate to profile.html. | As Expected, | Pass |

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| --- | --- | --- | --- | --- | --- | --- |
| TC02 | Verify login functionality with invalid data | 1. Open login.html.  2. Enter invalid email and password. 3. Click "Login". | Email:  fadwa@gmail.com Password: 123 | Error message should appear, and no navigation occurs. | As Expected, | Pass |