This is a test plan for testing five unit cases on the website https://www.motionelements.com/. This plan focuses on basic functionality and user experience testing.

Test Plan: MotionElements Website

**Objective:**

The objective of this test plan is to ensure the basic functionality and user experience of the MotionElements website is working as expected.

**Scope:**

This test plan covers five unit test cases for the MotionElements website.

**Test Cases:**

1. Test Case: Sign in with valid data.

- Objective: To verify that the login functionality works correctly.

- Precondition: main page of MotionElements website is opened.

- Steps:

|  |  |  |
| --- | --- | --- |
| # | Step | Expected result |
| 1 | Click login button. | The login page is loaded. |
| 2 | Enter valid email. | Email field is filled with email. |
| 3 | Enter valid password. | Email field is filled with password. |
| 4 | Click login button.. | Page with personal account is loaded;  1. User’s avatar is displayed. |

2. Test Case: Sign in with invalid data.

- Objective: To verify that the login functionality works correctly.

- Precondition: main page of MotionElements website is opened.

- Steps:

|  |  |  |
| --- | --- | --- |
| # | Step | Expected result |
| 1 | Click login button. | The login page is loaded. |
| 2 | Enter valid email. | Email field is filled with email. |
| 3 | Enter valid password. | Email field is filled with password. |
| 4 | Click login button. | Error message “Incorrect email or password.” is displayed. |

3. Test Case: Use the same email twice for registration.

- Objective: To ensure that registration functionality works correctly.

- Precondition: main page of MotionElements website is opened.

- Steps:

|  |  |  |
| --- | --- | --- |
| # | Step | Expected result |
| 1 | Click login button. | The login page is loaded. |
| 2 | Click registration button. | The registration page is loaded. |
| 3 | Enter valid data for all fields. | Fields are filled with data. |
| 4 | Click registration button. | Error message “You already have a MotionElements account” is displayed. |

4. Test Case: Change language by using footer's select.

- Objective: To ensure that the multilanguage functionality works correctly.

- Precondition: main page of MotionElements website is opened.

- Steps:

|  |  |  |
| --- | --- | --- |
| # | Step | Expected result |
| 1 | Scroll down to footer’s language select. | The footer’s language select is visible |
| 2 | Select any language from the select. | 1. The page with selected language is loaded; 2. The main title of page is in a selected language. |

5. Test Case: Search Functionality.

- Objective: To ensure that the search functionality works correctly.

- Precondition: main page of MotionElements website is opened.

- Steps:

|  |  |  |
| --- | --- | --- |
| # | Step | Expected result |
| 1 | Click on search input. | The search input is focused. |
| 2 | Enter any value in the input. | The input is filled with data. |
| 3 | Press “Enter” key. | 1. The page with results is loaded; 2. Results of search are relevant to our input data. |

**Test Environment:**

- Browser: Chrome (latest versions)

- Operating System: Windows 11

- Test devices: Desktop and laptop computers

- Internet Connection: High-speed internet for reliable testing

**Test Data:**

- Use valid and realistic test data where necessary.

- Use sample search queries, user registration details, and contact information for testing.

**Deliverables:**

- Test execution reports for each test case.

- Bug reports for any defects discovered during testing.

- Summary report with overall test results.

**Schedule:**

- Start date: 10:00 a.m., 09.10.2023.

- End date: 10:00 a.m., 16.10.2023.

**Testers:**

- Oleksandr Karpovych.

**Approvals:**

- Alex.