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| **Project:** | Test Plan |
| **Course:** | CSD460-J308 Capstone in Software Developme |
| **Description:** | Testing the functional requirements of the Moffat Bay Lodge website |
| **Date:** | <2025/02/01> |

To complete the test case plan, fill out the information for Project, Course, Description and Date in the header below.

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| Test 1 | Test plan for the requirement “**Provide users with an error message when leaving fields empty**” | | | |
|  | **Test Objective:** Ensure that the login form does not accept empty fields. | **Developer:** Taib Elbaroudi  **Date tested:** <2025/02/01> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the login.html | Login page loads without errors. | YES | <yes/no> |
| 2 | |  | | --- | | Click "Login" without entering any data. |  |  | | --- | |  | | An error message appears: “Please fill out this field." | YES | <yes/no> |
| 3 | Enter only a username, leave the password empty, and click "Login." | An error message appears: “Please fill out this field." | YES | <yes/no> |
| 4 | Enter only a password, leave the username empty, and click "Login." | An error message appears: “Please fill out this field." | YES | <yes/no> |
| **Comments** | This test plan successfully confirms that when fields are left empty, a custom error message is shown to the user **(“Please fill out this field.").** | | | |

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| Test 2 | Test plan for the requirement “**Provide users with an error message when entering incorrect credentials.**” | | | |
|  | **Test Objective:** Verify that incorrect login inputs show an error message and do not redirect users to the following page. | **Developer:** Taib Elbaroudi  **Date tested:** <2025/02/01> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to the login.html | Login page loads without errors. | YES | <yes/no> |
| 2 | Enter an incorrect email or password. | Fields accept input. | YES | <yes/no> |
| 3 | Click the "Login" button. | Error message appears: "Please enter a valid email or password." | YES | <yes/no> |
| 4 | Verify login is not allowed. | User is not redirected and prompted to enter a valid email or password. | YES | <yes/no> |
| **Comments** | This test plan successfully confirms that when incorrect credentials are entered, a custom error message is shown to the user **(“Please enter a valid email or password.").** | | | |

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| Test 3 | **Test plan for the requirement:** "Prevent form submission when required fields are empty." | | | |
|  | **Test Objective:** Ensure that users cannot submit the booking form without filling in the required fields. | **Developer: Matthew Gamboa**  **Date tested:** <2025/02/02> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to index.html | The landing page loads without errors. | YES | <yes/no> |
| 2 | Scroll down to the "Book Your Stay" section. | The form is visible with fields: Name, Email, Date, and Submit button. | YES | <yes/no> |
| 3 | Click "Submit" without entering any data. | An error message appears: "Please fill out this field." | YES | <yes/no> |
| 4 | Enter only a name, leave the email and date empty, then click "Submit." | The browser should prompt the user to fill in the missing fields. | YES | <yes/no> |
| 5 | Enter an invalid email (e.g., "test@") and click "Submit." | An error message appears: "Please enter a valid email address." | YES | <yes/no> |
| 6 | Enter a valid name, email, and date, then click "Submit." | The form submits successfully. | YES | <yes/no> |
| **Comments** | This test plan ensures that **users cannot submit the form with missing or invalid inputs** and that proper validation messages appear. | | | |

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| Test 4 | **Test plan for the requirement:** "Ensure all navigation links lead to the correct pages." | | | |
|  | **Test Objective:** Verify that all links in the navigation bar work correctly and direct users to the right pages. | **Developer: Matthew Gamboa**  **Date tested:** <2025/02/02> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to index.html | The landing page loads without errors. | YES | <yes/no> |
| 2 | Click on "About Us" in the navigation bar. | The browser navigates to about.html. | YES | <yes/no> |
| 3 | Click on "Attractions" in the navigation bar. | The browser navigates to Attractions.html. | YES | <yes/no> |
| 4 | Click on "Accommodations" in the navigation bar. | The browser navigates to Accommodations.html. | YES | <yes/no> |
| 5 | Click on "Reservations" in the navigation bar. | The browser navigates to Reservations.html. | YES | <yes/no> |
| 6 | Click on "Log In" in the navigation bar. | The browser navigates to Login.html. | YES | <yes/no> |
| **Comments** | This test ensures that all **navigation links work correctly**, preventing broken links or incorrect page redirections. | | | |

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| Test 5 | **Test plan for the requirement:** "Prevent form submission when required fields are empty." | | | |
|  | **Test Objective:** Ensure that users cannot submit the registration form without filling in all required fields. | **Developer: Matthew Gamboa**  **Date tested:** <2025/02/02> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to register.html | The registration page loads without errors. | YES | <yes/no> |
| 2 | Locate the registration form. | The form is visible with fields: First Name, Last Name, Telephone, Email, Password, and Submit button. | YES | <yes/no> |
| 3 | Click "Create Account" without entering any data. | An error message appears: "Please fill out this field." | YES | <yes/no> |
| 4 | Enter only the first name, leave the other fields empty, then click "Create Account." | The browser should prompt the user to fill in the missing fields. | YES | <yes/no> |
| 5 | Enter an invalid email (e.g., "test@") and click "Create Account." | An error message appears: "Please enter a valid email address." | YES | <yes/no> |
| 6 | Enter a valid name, email, phone number, and password, then click "Create Account." | The form submits successfully. | YES | <yes/no> |
| **Comments** | This test ensures that **users cannot submit the form with missing or invalid inputs** and that proper validation messages appear. | | | |

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| Test 6 | **Test plan for the requirement:** "Ensure password input meets security standards." | | | |
|  | **Test Objective:** Verify that the password field enforces input validation, including minimum length and required complexity. | **Developer: Matthew Gamboa**  **Date tested:** <2025/02/02> | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to register.html | The registration page loads without errors. | YES | <yes/no> |
| 2 | Locate the password field. | The password input field is visible. | YES | <yes/no> |
| 3 | Enter a password shorter than 6 characters and click "Create Account." | An error message appears: "Password must be at least 6 characters long." | YES | <yes/no> |
| 4 | Enter a simple password (e.g., "123456") and click "Create Account." | If password requirements exist, an error message should prompt for a stronger password. | YES | <yes/no> |
| 5 | Enter a secure password (e.g., "Moffat2025!") and click "Create Account." | The form submits successfully. | YES | <yes/no> |
| **Comments** | This test ensures that **users must enter a secure password** and verifies whether **password length and complexity rules** are enforced. | | | |