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| **Project:** Moffat-Bay Lodge – Bravo Team | **Authors:** Mark Witt, Brittany Kyncl |
| **Course:** CSD-460 Capstone |  |
| **Description:** Moffat-Bay Lodge Capstone Webapp Project |  |
| **Date:** 9/1/2023 |  |

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

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# **Testing documentation instructions**

For each test, the developer should: provide a test description, a test objective, the developer name and date tested. For each step, fill out the actions to be taken and describe the expected results, and indicate yes or no for each step depending upon the result. The peer tester should provide their name, date tested, indicate yes or no for each step depending upon the result, and a screenshot (thumbnail) of the result.

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| **Test 1** | **Test Landing Page, Images, Header, Footer** | | | |
|  | **Test Objective:** Verify landing page displays all information/images correctly | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to localhost:8000/ | Landing Page (home.html) displays to user | pass | <pass/fail> |
| 2 | Verify Header loads correctly | Header should be green in color (82BB81), and should display moffat-bay logo on left, with page links (home, attractions, reservations, myreservation, about us, login) across the top, finally a ‘book now’ button in black on the right of header | pass | <pass/fail> |
| 3 | Mouseover/hover over each link in Header | Hovered links should have animated underline below them | pass | <pass/fail> |
| 4 | Scroll down through landing page, verify all images are displayed with no broken links | All images should be displayed, and no broken image links found. | pass | <pass/fail> |
| 5 | Scroll to bottom of landing page | Footer should be displayed with a black background, useful links on the left, get in touch section in the center, and learn more on the right. Under all links should be a horizonal rule line, with a copyright in the center, and social media links on the right side. | pass | <pass/fail> |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 6 | Mouseover/hover over footer links | Footer links should have an underline style similar to the header, but in a green color that matches the header. | pass | <pass/fail> |
| 7 | While scrolled to bottom of page, begin scrolling back up slowly. Ensure page header is sticky and still displayed regardless of location on landing page | Header should display to the user at all times, regardless of scrolling position on the landing page. | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| **Test 2** | **Test Landing Page Footer – Email Mailing List Signup Form Full Functionality** | | | |
|  | **Test Objective:** Verify email sign up form on footer functions correctly | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to localhost:8000 | Moffat-Bay Lodge landing page should display | pass | <pass/fail> |
| 2 | Scroll to bottom of page to see footer | Footer should be displayed | pass | <pass/fail> |
| 3 | Enter ***test@test.com*** in the “Get in touch” form field | Email should be displayed in form field as you type it | pass | <pass/fail> |
| 4 | Press subscribe button | Landing page should reload and go back to the top | pass | <pass/fail> |
| 5 | Scroll back down to view footer | “get in touch” subtext should display “Thank you for signing up for our mailing list!” | pass | <pass/fail> |
| 6 | Enter testing.com into email signup field and press subscribe button | Form field tooltip should appear, saying “please include @ symbol in the email address” indicating email address validation is working on form. | pass | <pass/fail> |
| 7 | Navigate to localhost:8000/admin | A login form should appear | pass | <pass/fail> |
| 8 | Enter the credentials:  Email: [jane@doe.com](mailto:jane@doe.com)  Password: Testing123! | Login should be successful, and the administration page should display with the options: Account Manager, Lodge Room Manager, Reservation Manager | pass | <pass/fail> |
| 9 | Under Account Manger, click on the “Mailing List” link | A list of email addresses should appear. | pass | <pass/fail> |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 10 | Locate the [***test@test.com***](mailto:test@test.com) email address in the mailing list | [test@test.com](mailto:test@test.com) should be included in the mailing list. This verifies that the form from the landing page has added the user input email address into the mailing list database table. | pass | <pass/fail> |
| 11 | Select checkbox next to the [***test@test.com***](mailto:test@test.com) email address | Checkbox should change to have a checkmark in the box | pass | <pass/fail> |
| 12 | On the action dropdown above the email address lists, select “Delete selected from Mailing List” and click the “go” button next to the dropdown | A verification page should display, asking to confirm deletion | pass | <pass/fail> |
| 13 | Click the red button that says “yes, I’m sure” | Mailing list admin page should reload, and [***test@test.com***](mailto:test@test.com) email should be removed from list. This verifies the email is able to be removed from the list in the admin page | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| **Test 3** | **User Registration Form Functionality** | | | |
|  | **Test Objective:** Test the User Registration Form, ensuring it saves new user information correctly. | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/register | User Registration form should be displayed | pass | <pass/fail> |
| 2 | Enter new user account information, found in appendix I. | All fields should accept new user account information | pass | <pass/fail> |
| 3 | Click on the “Create Account” button | Website should redirect to login screen, and display login form, with a system message on the overlay, above the Moffat-Bay logo that reads: “User account has been created for johnny smith!” – indicating the user account was saved to the database | pass | <pass/fail> |
| 4 | Navigate to localhost:8000/admin | Admin page login screen should display | pass | <pass/fail> |
| 5 | Login with credentials:  Email: [jane@doe.com](mailto:jane@doe.com)  Password: Testing123! | Administration page should display | pass | <pass/fail> |
| 6 | Click on the “Accounts” link, under the “Account Manager” heading | A list of user accounts should appear on the right of the page. | pass | <pass/fail> |
| 7 | Locate the email address [johnny@smith.com](mailto:johnny@smith.com) and click on the email address | An admin user account page should display, with all fields completed with the information entered in the registration form. This verifies the user account was saved to the database. | pass | <pass/fail> |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 8 | Look for the password field | This should display the following information: algorithm, iterations, salt, and hash. Salt and hash should have most of the characters as \*\*\*\*\*\*\*\*\*\*. This verifies the user password is stored as a hash and cannot be viewed/changed, also verifying password integrity/security. | pass | <pass/fail> |
| 9 | Scroll to the bottom of the page | A red delete button should be displayed on the bottom right of the page | pass | <pass/fail> |
| 10 | Click on the red delete button | A delete user confirmation page should display | pass | <pass/fail> |
| 11 | Click on the red “yes, I’m sure” button | Page should redirect to the list of user accounts. | pass | <pass/fail> |
| 12 | Verify [johnny@smith.com](mailto:johnny@smith.com) is no longer in the user account list | [johnny@smith.com](mailto:johnny@smith.com) user account was removed. This verifies the admin functions of the user accounts | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| **Test 4** | **User Registration Form Validation** | | | |
|  | **Test Objective:** Test the User Registration Form, ensuring it saves new user information correctly. | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/register | User Registration form should be displayed | pass | <pass/fail> |
| 2 | Enter new user account information, found in appendix II. | All fields should accept new user account information | pass | <pass/fail> |
| 3 | Click on the “Create Account” button | Website should not reload, and a tooltip should appear over the email field, directing the user that the email entered is not valid. This verifies the email field validation. | pass | <pass/fail> |
| 4 | Change the email address to “john@smith.com” | Email address in email field should read “john@smith.com | pass | <pass/fail> |
| 5 | Click on the “Create Account” button | Register form should reload, with all fields blank, and an error message should display on the overlay, above the words “Create a New Account”. Message should read as:  “The two password fields didn’t’ match.  Account with this email already exits.”  This verifies password matching and validation, as well as user account lookup validation. | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| **Test 5** | **Login Form Functionality** | | | |
|  | **Test Objective:** Test the User Registration Form, ensuring it saves new user information correctly. | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/ | Moffat-Bay Lodge Landing Page should display | pass | <pass/fail> |
| 2 | In the page header, click on the “login” link | Login page should display, with the login form inside the greyed overlay | pass | <pass/fail> |
| 3 | Enter the credentials:  Email: [jane@doe.com](mailto:jane@doe.com)  Password: Testing123! | Email field should display the email [jane@doe.com](mailto:jane@doe.com). Password field should not show password, only \*\*\*\*\*\*\*\*\* | pass | <pass/fail> |
| 4 | Click on the “login” button | Website should redirect back to the landing page, with a new greyed overlay containing the website logo and the words: “Welcome Back jane!”. This verifies the system has logged in the user [jane@doe.com](mailto:jane@doe.com), and added the user to the session. | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

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| **Test 6** | **Login/Password Credentials Validation** | | | |
|  | **Test Objective:** Test the User Registration Form, ensuring it saves new user information correctly. | **Developer: Mark Witt**  **Date tested:** 9/1/2023 | **Peer tester: Brittany Kyncl**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/ | Moffat-Bay Lodge Landing Page should display | pass | <pass/fail> |
| 2 | In the page header, click on the “login” link | Login page should display, with the login form inside the greyed overlay | pass | <pass/fail> |
| 3 | Enter the credentials:  Email: [jane@doe.com](mailto:jane@doe.com)  Password: testing123 | Email field should display the email [jane@doe.com](mailto:jane@doe.com). Password field should not show password, only \*\*\*\*\*\*\*\*\* | pass | <pass/fail> |
| 4 | Click on the “login” button | Login page should still display, with the email [jane@doe.com](mailto:jane@doe.com) still filled out. A warning message should display above the email field title, saying “Please enter a correct email and password.” This verifies that the email and password validation for user login is working and will not let a user login without the proper credentials. | pass | <pass/fail> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

# **Appendix I**

Test # 3 User account information:

First Name: Johnny

Last Name: Smith

Email Address: [johnny@smith.com](mailto:johnny@smith.com)

Address: 1234 my street

City: somewhere

State: California

Zipcode: 46454

Phone: +1 5862589941

Password: Testing123!

Confirm Password: Testing123!

# **Appendix II**

Test # 4 User account information:

First Name: Johnny

Last Name: Smith

Email Address: [johnnysmith.com](mailto:johnny@smith.com)

Address: 1234 my street

City: somewhere

State: California

Zipcode: 46454

Phone: +1 5862589941

Password: Testing123!

Confirm Password: testing123