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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:** 9/2/2023 | |
| **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  A screenshot of a computer  Description automatically generated |
| 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 |
| 3 | Mouseover/hover over each link in Header | Hovered links should have animated underline below them | pass | Pass  A green background with black text  Description automatically generated |
| 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  A screenshot of a website  Description automatically generated  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **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  A screen shot of a black background  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **Comments** | Landing page is well organized, complete with professional styling, images and links. All images are displayed, with no broken links found. Header is sticky and stays where it is supposed to. Footer is well styled with the same theme and design of the site. | | | |

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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:** 9/2/2023 | |
| **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  A screenshot of a computer  Description automatically generated |
| 2 | Scroll to bottom of page to see footer | Footer should be displayed | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a black and white box  Description automatically generated |
| 4 | Press subscribe button | Landing page should reload and go back to the top | pass | Pass  A screenshot of a computer  Description automatically generated |
| 5 | Scroll back down to view footer | “get in touch” subtext should display “Thank you for signing up for our mailing list!” | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a black and white screen  Description automatically generated |
| 7 | Navigate to localhost:8000/admin | A login form should appear | pass | Pass  A screenshot of a computer  Description automatically generated |
| 8 | Enter the credentials:  Email: [markwitt83@yahoo.com](mailto:markwitt83@yahoo.com)  Password: Tk60819# | Login should be successful, and the administration page should display with the options: Account Manager, Lodge Room Manager, Reservation Manager | pass | Pass  A screenshot of a computer  Description automatically generated |
| 9 | Under Account Manger, click on the “Mailing List” link | A list of email addresses should appear. | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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  A close-up of a computer screen  Description automatically generated |
| 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 can be removed from the list in the admin page | pass | Pass  A screenshot of a computer  Description automatically generated |
| **Comments** | Mailing list submission functions as intended. I like the administration page, an how admins can work with the database via that admin site. Everything is functional. | | | |

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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:** 9/2/2023 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/register | User Registration form should be displayed | pass | Pass  A screenshot of a computer  Description automatically generated |
| 2 | Enter new user account information, found in appendix I. | All fields should accept new user account information | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a login screen  Description automatically generated |
| 4 | Navigate to localhost:8000/admin | Admin page login screen should display | pass | Pass  A screenshot of a computer  Description automatically generated |
| 5 | Login with credentials:  Email: [markwitt83@yahoo.com](mailto:markwitt83@yahoo.com)  Password: Tk60819# | Administration page should display | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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 |
| 9 | Scroll to the bottom of the page | A red delete button should be displayed on the bottom right of the page | pass | Pass |
| 10 | Click on the red delete button | A delete user confirmation page should display | pass | Pass  A screenshot of a computer  Description automatically generated |
| 11 | Click on the red “yes, I’m sure” button | Page should redirect to the list of user accounts. | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **Comments** | User registration is well styled and keeps the same theme and flow of the overall site. Functionality of the registration works well and is easy to follow. | | | |

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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:** 9/2/2023 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/register | User Registration form should be displayed | pass | Pass  A screenshot of a computer  Description automatically generated |
| 2 | Enter new user account information, found in appendix II. | All fields should accept new user account information | pass | Pass  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a phone  Description automatically generated |
| 4 | Change the email address to “john@smith.com” | Email address in email field should read “john@smith.com | pass | Pass  A screenshot of a phone  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **Comments** | Error feedback on the registration page is very helpful to the user. I like how the validation will not allow incorrect email address formats, and how the back end validation checks to see if the email is already registered, giving feedback to the user. | | | |

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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:** 9/2/2023 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/ | Moffat-Bay Lodge Landing Page should display | pass | Pass  A screenshot of a computer  Description automatically generated |
| 2 | In the page header, click on the “login” link | Login page should display, with the login form inside the greyed overlay | pass | Pass  A screenshot of a login screen  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **Comments** | Login system is well organized, and simple to use. Styling and theme follows the rest of the site and user registration. | | | |

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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:** 9/2/2023 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to localhost:8000/ | Moffat-Bay Lodge Landing Page should display | pass | Pass  A screenshot of a computer  Description automatically generated |
| 2 | In the page header, click on the “login” link | Login page should display, with the login form inside the greyed overlay | pass | Pass  A screenshot of a login screen  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| 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  A screenshot of a computer  Description automatically generated |
| **Comments** | Error message is very helpful and easy to follow. Page reloads well with the login screen. Beautiful backgrounds on the entire site as well! | | | |

# **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