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| **Project:** Moffat Bay Project |  |
| **Course:** CSD-460 |  |
| **Description:** |  |
| **Date:** 2/09/25 |  |

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

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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 | **Ensure required fields cannot be left empty** | | | |
|  | **Test Objective:** Ensure that the room reservation form does not accept empty fields. | **Developer: Matthew Gamboa**  **Date tested:** 2/09/25 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Navigate to room-reservation.html | Page loads without errors. | YES | <yes/no> |
| 2 | Click "Reserve Now" without entering any data | An error message appears: **"Please fill out this field."** | YES | <yes/no> |
| 3 | Enter only a name, leave other fields empty, and click "Reserve Now." | An error message appears for the empty fields: **"Please fill out this field."** | YES | <yes/no> |
| 4 | Enter only an email, leave other fields empty, and click "Reserve Now." | An error message appears for the empty fields: **"Please fill out this field."** | YES | <yes/no> |
| **Comments** | This test confirms that users cannot submit a reservation without filling out all required fields. | | | |

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| Test 2 | **Ensure that users cannot select a check-in date after the check-out date.** | | | |
|  | **Test Objective:** Ensure that users cannot select a **check-in date after the check-out date.** | **Developer: Matthew Gamboa**  **Date tested:** 2/09/25 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to room-reservation.html | Page loads without errors. | YES | <yes/no> |
| 2 | Select a **check-in date after the check-out date** | Fields accept input. | YES | <yes/no> |
| 3 | Click "Reserve Now" | Error message appears: **"Check-in date cannot be later than check-out date."** | YES | <yes/no> |
| 4 | Verify reservation is not submitted | User is not redirected; form prompts for valid dates. | YES | <yes/no> |
| **Comments** | This test ensures that users must select a valid date range when booking a room. | | | |

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| Test 3 | **Validate email format in reservation form** | | | |
|  | **Test Objective:** Ensure that only valid email addresses are accepted in the reservation form. | **Developer: Matthew Gamboa**  **Date tested:** 2/09/25 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to room-reservation.html | Page loads without errors. | YES | <yes/no> |
| 2 | Enter an **invalid email (e.g., "test@com" or "user123")** | Fields accept input. | YES | <yes/no> |
| 3 | Click "Reserve Now" | Error message appears: **"Please enter a valid email address."** | YES | <yes/no> |
| 4 | Enter a **valid email (e.g., "user@example.com")** | Form accepts input without errors. | YES | <yes/no> |
| **Comments** | This test confirms that users must enter a properly formatted email address. | | | |

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| Test 4 | **Validate guest limit per room type** | | | |
|  | **Test Objective:** Ensure that the guest count does not exceed the limit for each room type. | **Developer: Matthew Gamboa**  **Date tested:** 2/09/25 | **Peer tester:**  **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Navigate to room-reservation.html | Page loads without errors. | YES | <yes/no> |
| 2 | Select **"Single Room"** and enter **more than 1 guest** | Fields accept input. | YES | <yes/no> |
| 3 | Click "Reserve Now" | Error message appears: **"Guest limit exceeded for this room type."** | YES | <yes/no> |
| 4 | Select **"Suite"** and enter **up to 6 guests** | Form accepts input without errors. | YES | <yes/no> |
| **Comments** | This test ensures that users cannot exceed the maximum number of guests per room type. | | | |