# Moffat Bay Lodge – Functional Test Plan

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

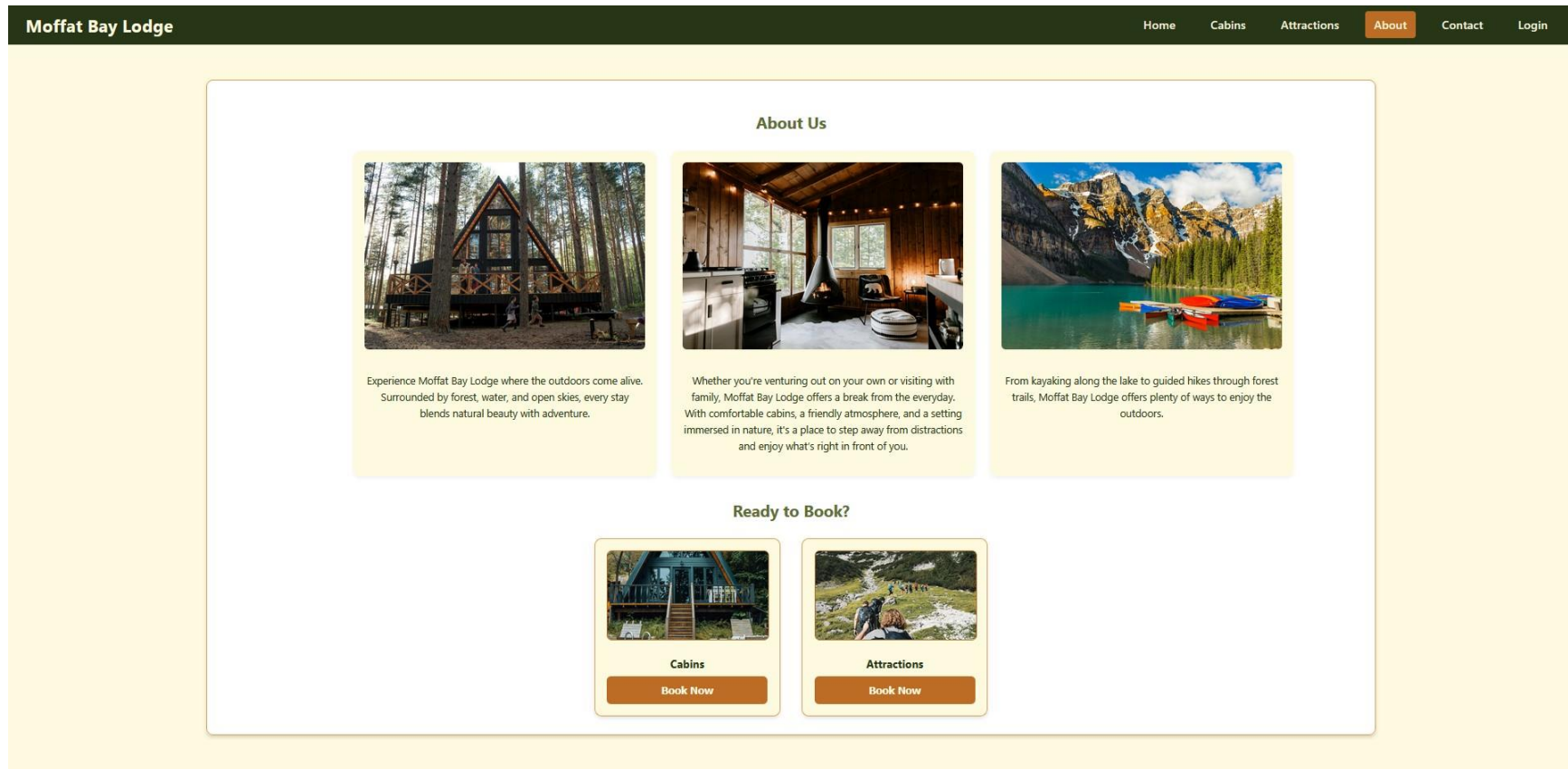| | |
|---|---|
| **Project:** Moffat Bay | |
| **Course:** CSD 460: William Renard, Julie Sakai, Tazmin Somerville, Tatiana Tan, and Paul Romer | |
| **Description:** Functional test plan for the About Us and Reservation Summary pages. | |
| **Date:** 2025/06/29 | |

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| Test 1 | **'About Us' Page Load and Content Visibility** | | | |
|---|---|---|---|---|
| | **Test Objective:** Verify that the About Us page loads correctly and displays the expected content. | **Developer:** <br> **Date tested:** <yyyy/mm/dd> | **Peer tester: Tazmin Somerville** <br> **Date tested:** <2025/06/27> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail + Screenshot** |
| 1 | Navigate to the About Us page via the navbar. | About Us page loads successfully without error. | <yes/no> | yes |
| 2 | Verify presence of main heading ("About Us"). | The main heading appears at the top of the page. | <yes/no> | yes |
| 3 | Check for three main content sections: family photo, cozy lodge interior, kayaking | All three sections display with appropriate images and descriptive text | <yes/no> | yes |
| 4 | Scroll to the "Ready to Book?" section | Section includes descriptive text and two buttons (Cabins, Attractions) | <yes/no> | yes |
| 5 | Verify layout is responsive (resize window or view on mobile) | Page adjusts layout cleanly without breaking styling | <yes/no> | yes |
| **Comments** | The About Us page presents well organized content and clear visuals. Each section reinforces the lodge's messaging and atmosphere, and the imagery contributes meaningfully to the narrative. Button placement near the end encourages user action and integrates well into the flow of the page. Layout responsiveness is a strong touch. | | | |

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Home    Cabins    Attractions    About    Contact    Login

## About Us



Experience Moffat Bay Lodge where the outdoors come alive. Surrounded by forest, water, and open skies, every stay blends natural beauty with adventure.



Whether you're venturing out on your own or visiting with family, Moffat Bay Lodge offers a break from the everyday. With comfortable cabins, a friendly atmosphere, and a setting immersed in nature, it's a place to step away from distractions and enjoy what's right in front of you.



From kayaking along the lake to guided hikes through forest trails, Moffat Bay Lodge offers plenty of ways to enjoy the outdoors.

## Ready to Book?

**Cabins**
Book Now

**Attractions**
Book Now

| Test 2 | **'About Us' Navigation and Interaction** | | |
|---|---|---|---|
| | **Test Objective:** Verify that interactive elements (navbar, buttons) on the About Us page function as intended and support intuitive navigation. | **Developer:**<br>**Date tested:** <yyyy/mm/dd> | **Peer tester: Tazmin Somerville**<br>**Date tested:** <2025/06/27> |

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| Step | Action | Expected results: | Developer pass/fail | Tester pass/fail |
|------|--------|-------------------|---------------------|------------------|
| 1 | Click the **"Cabins"** button at the bottom of the page | User is redirected to /cabins.jsp; 404 error is expected at this stage since the page is not yet implemented. | <yes/no> | yes |
| 2 | Return to About Us and click **"Attractions"** | User is redirected to /attractions.jsp; 404 errors are expected at this stage since the page is not yet implemented. | <yes/no> | yes |
| 3 | Hover over or focus on navigation links using Tab key | Navigation links highlight/focus as expected (keyboard accessible) | <yes/no> | yes |
| 4 | Press the "Tab" key repeatedly to cycle through interactive elements (links, buttons) | All interactive elements are reachable via keyboard in logical order | <yes/no> | yes |
| 5 | Use the browser back button after navigating to Cabins/Attractions | Returns to About Us page without layout or state issues | <yes/no> | yes |
| **Comments** | Navigation on the About Us page is intuitive and functional. Button links perform correctly, aiding user flow. Keyboard navigation confirms accessibility basics are in place, and page layout holds up well on smaller screen widths. These interactions contribute positively to usability across different devices. | | | |

## HTTP Status 404 – Not Found

Type Status Report

Message JSP file [/attractions.jsp] not found

Description The origin server did not find a current representation for the target resource or is not willing to disclose that one exists.

Apache Tomcat/9.0.102

## HTTP Status 404 – Not Found

Type Status Report

Message JSP file [/cabins.jsp] not found

Description The origin server did not find a current representation for the target resource or is not willing to disclose that one exists.

Apache Tomcat/9.0.102

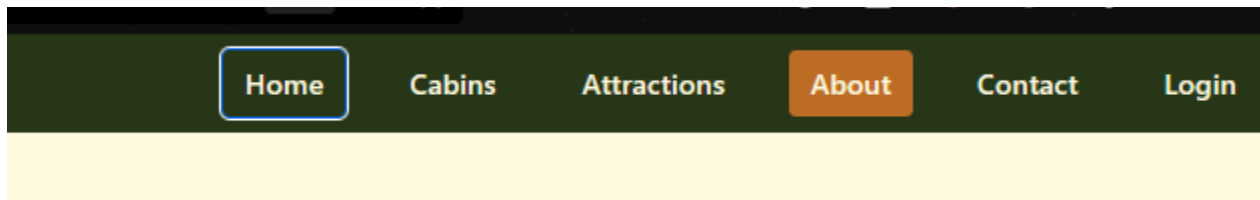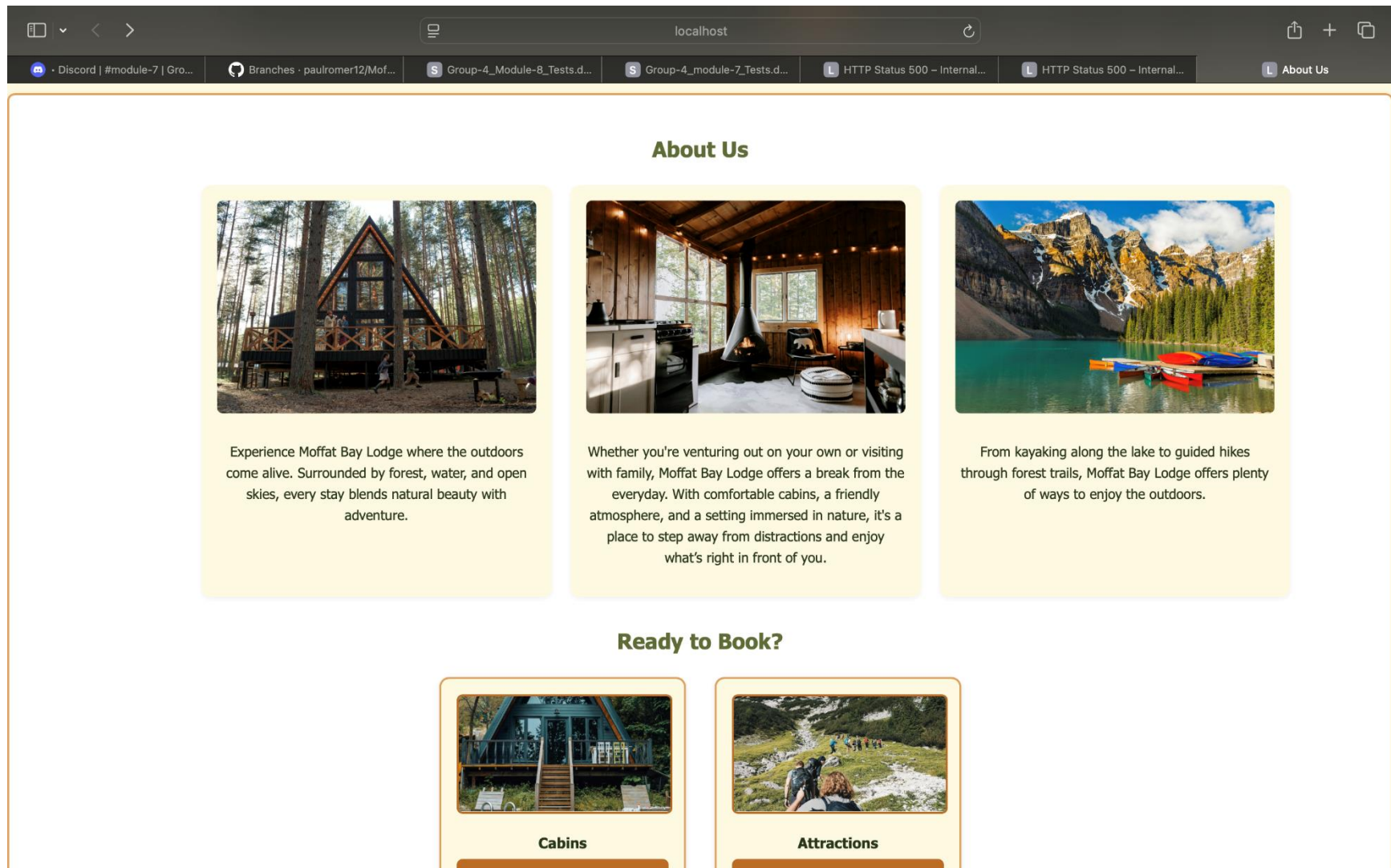*Figure 1 and 2: Screenshot of the 404 error after clicking each button ("Cabins" and "Attractions").*



*Figure 3: Navigation links focused/selected (used the Tab key)*

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 3 | **About Us Page Displays Properly** | | | |
|---|---|---|---|---|
| | **Test Objective:** Ensure the "About Us" page loads properly and maintain the page state | **Developer:** <br> **Date tested:** <yyyy/mm/dd> | **Peer tester: Tatiana Tan** <br> **Date tested:** <2025/06/28> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Click the "About Us" link from the homepage Nav Bar | The About Us Page loads correctly without errors and scrolls smoothly. | <yes/no> | Yes |
| 2 | Confirm the main header text appears. | The heading text "About Us" is visible, centered, and styled correctly. | <yes/no> | Yes |
| 3 | Scroll down and read the paragraph content | Each paragraph is readable, formatted properly, and without spelling errors. | <yes/no> | Yes |
| 4 | Check that the company images are displayed | Images appear correct with consistent sizing. | <yes/no> | Yes |
| 5 | Refresh the About Us Page | Page is able to reload properly without any 404 or layout shift. | <yes/no> | Yes |
| **Comments** | The "About Us" page performs as expected. The content loads smoothly and looks consistent throughout the page. One step further would make sure consistency follows with mobile devices. | | | |

| Test 4 | |
| --- | --- |
| | |

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| | Test Objective: | Developer:<br>Date tested: <yyyy/mm/dd> | Peer tester: Tatiana Tan<br>Date tested: <yyyy/mm/dd> | |
|---|---|---|---|---|
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 2 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 3 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 4 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 5 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

| Test 5 | **'Reservation Summary' Display of Reservation Summary After Booking** | | | |
|---|---|---|---|---|
| | Test Objective: Verify that the reservation summary page displays the correct reservation details immediately after completing a booking. | Developer:<br>Date tested: <yyyy/mm/dd> | Peer tester: Tazmin Somerville<br>Date tested: <2025/06/29> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 0 | Log in as a registered user | User is successfully logged in | <yes/no> | yes |
| 1 | Submit a valid reservation through the reservation form | Redirected to the reservation summary page | <yes/no> | yes |
| 2 | Observe the reservation summary page | Page shows correct reservation details: room type, number of guests, check-in/check-out dates, and total price | <yes/no> | yes |
| 3 | Check for unique reservation ID | A unique reservation ID is displayed for reference | <yes/no> | yes |
| 4 | Verify summary formatting and clarity | Details are clearly labeled, correctly formatted, and easy to read | <yes/no> | yes |

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| 5 | Attempt to refresh the page | Reservation summary still appears, no error or re-submission triggered | <yes/no> | yes |
|---|---|---|---|---|
| **Comments** | This test ensures the summary page reliably reflects the user's… | | | |



*Figure 1 Shows reservation summary and unique_ID.*

| Test 6 | **'Reservation Summary' Reservation Summary Cancel Button Behavior** | | |
|---|---|---|---|
| | **Test Objective:** Verify that the "Cancel" button on the reservation summary page returns the user to the | **Developer:** <br> **Date tested:** <yyyy/mm/dd> | **Peer tester:** Tazmin Somerville <br> **Date tested:** <2025/06/dd> |

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| | | | | |
|---|---|---|---|---|
| | reservation page and does not save the reservation. | | | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 0 | Log in as a registered user | User is successfully logged in | <yes/no> | yes |
| 1 | Fill out the reservation form but click "Cancel" on the summary page instead of confirming | No reservation saved | <yes/no> | no |
| 2 | Check for reservation presence in the database | No new reservation is saved (verify in DB or via lookup page) | <yes/no> | no |
| 3 | Submit the form again, this time confirming it | Redirects to summary page, reservation saved | <yes/no> | yes |
| 4 | Check for reservation presence using MySQL | Reservation appears in DB as expected | <yes/no> | yes |
| 5 | Try to cancel again and confirm no duplicate reservations | No duplicate created; system handles flow correctly | <yes/no> | no |
| **Comments** | The Cancel button must work as expected, preventing unintended database entries while gracefully returning the user to the form. This test ensures users can confidently back out of a reservation without it being saved. However, in its current state, DB insert likely occurs before confirmation. As a result, Cancel does not stop the save process. Additionally, attempting the flow a second time creates a duplicate reservation, indicating a lack of session or state validation to prevent duplicates. | | | |

*Figure 2 Error when trying to cancel*
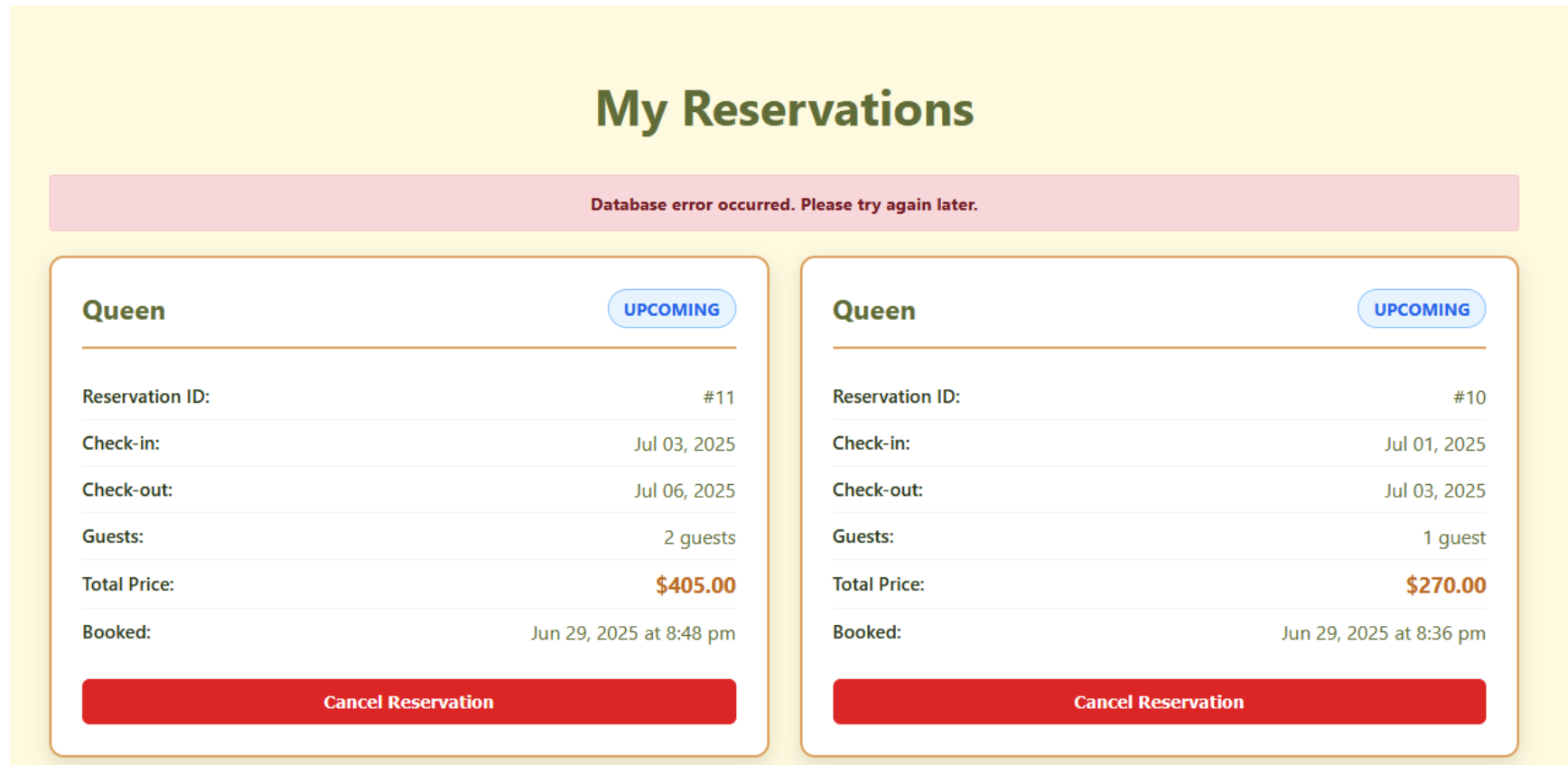
```
mysql> SELECT * FROM reservation WHERE reservation_id = '11';
+----------------+---------+--------------+-------------+---------------+----------------+-------------+-----------+---------------------+
| reservation_ID | user_ID | room_type_id | num_guests  | check_in_date | check_out_date | total_price | status    | created_at          |
+----------------+---------+--------------+-------------+---------------+----------------+-------------+-----------+---------------------+
|             11 |       7 |            1 |           2 | 2025-07-03    | 2025-07-06     |      405.00 | confirmed | 2025-06-29 20:48:14 |
+----------------+---------+--------------+-------------+---------------+----------------+-------------+-----------+---------------------+
1 row in set (0.01 sec)
```

*Figure 3 User ID#7 confirmed in DB*

```
mysql> SELECT * FROM reservation WHERE reservation_id = '11';
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
| reservation_ID | user_ID | room_type_id | num_guests | check_in_date | check_out_date | total_price | status    | created_at          |
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
|             11 |       7 |            1 |          2 | 2025-07-03    | 2025-07-06     |      405.00 | confirmed | 2025-06-29 20:48:14 |
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
1 row in set (0.00 sec)

mysql> SELECT * FROM reservation WHERE reservation_id = '12';
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
| reservation_ID | user_ID | room_type_id | num_guests | check_in_date | check_out_date | total_price | status    | created_at          |
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
|             12 |       7 |            1 |          2 | 2025-07-03    | 2025-07-06     |      405.00 | confirmed | 2025-06-29 21:10:57 |
+----------------+---------+--------------+------------+---------------+----------------+-------------+-----------+---------------------+
1 row in set (0.00 sec)
```

*Figure 4 Shows duplicate reservations from the same user_ID #7*

| Test 7 | **<DESCRIPTION>** | | | |
|---|---|---|---|---|
| | **Test Objective:** | **Developer:** <br> **Date tested:** <yyyy/mm/dd> | **Peer tester:** <br> **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 2 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 3 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 4 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 5 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |

| Test 8 | **<DESCRIPTION>** | | | |
|---|---|---|---|---|
| | **Test Objective:** | **Developer:** <br> **Date tested:** <yyyy/mm/dd> | **Peer tester:** <br> **Date tested:** <yyyy/mm/dd> | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 2 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 3 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 4 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| 5 | <Enter an action> | <Enter the expected results> | <yes/no> | <yes/no> |
| **Comments** | Comments should be substantive; this means there should be at least 2-3 well-structured sentences with constructive feedback. | | | |