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 Contact Us page and the Look Up Reservation page. Four functional tests (two functional tests per page).	
Date: 2025/07/06	

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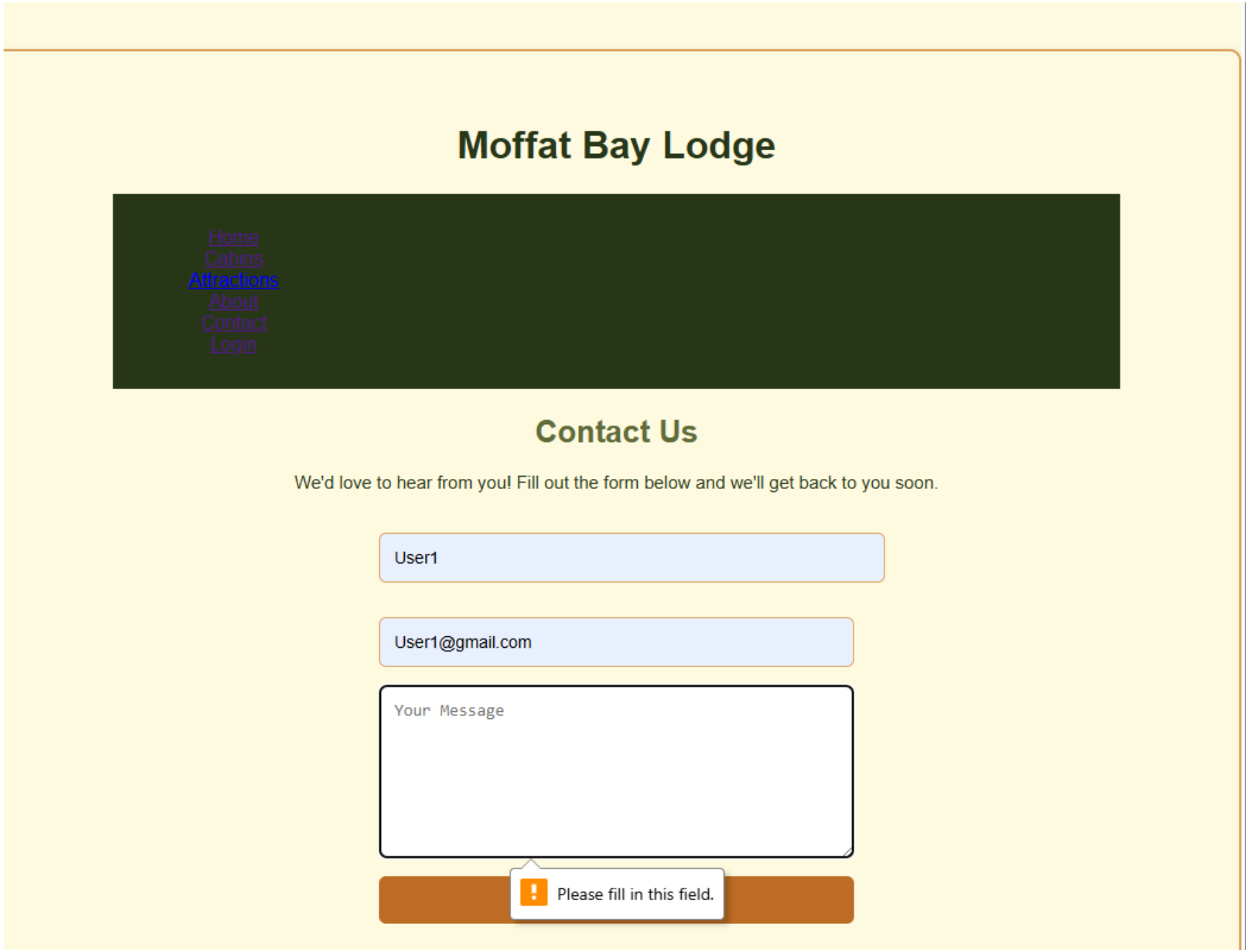
For each test, the developer should: provide a test description, a test objective, the developer name and date tested. For each step, fill out the actions to be taken and describe the expected results, and indicate yes or no for each step depending upon the result. The peer tester should provide their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

Test 1	**Contact Us Page: Submit Valid Inquiry**			
	Test Objective: Verifies input data meets requirements	**Developer:** **Date tested:** <yyyy/mm/dd>	**Peer tester: Julie Sakai** **Date tested:** 2025/07/06	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail + Screenshot**
1	Navigate to Contact Us page	Users sucessfully navigate from the Home page to the Contact Us page.	<yes/no>	yes
2	Enter valid full name, email, subject, message	Input fields accept valid entries and do not flag any errors.	<yes/no>	yes
3	Click the send or submit button	The Contact Us form is submitted successfully and handled by contact.jsp.	<yes/no>	yes
4	Leave one or more require field blank and attempt to submit the form	A validation alert appears “Please fill out this field” and form is not submitted until all required fileds are completed.	<yes/no>	yes
5	Submit the form and receive a success message	Users are redirected to thankyou.jsp with a confirmation message displayed.	<yes/no>	yes
Comments	The “Contact Us page” performs its intended function correctly. Users can successfully navigate to the page, fill out and submit the form, and receive validation feedback when required fields are missing. However, there are some formatting inconstancies that will need to be changed to align with the rest of the Moffat Bay Lodge pages (navbar, page elements centered, and main content is updated to not stretch across the entire screen width).			

Moffat Bay Lodge – Functional Test Plan



Test 2	**Contact Us Page: Navigation Functionality**			
	Test Objective:	**Developer:** **Date tested:** <yyyy/mm/dd>	**Peer tester: Julie Sakai** **Date tested:** 2025/07/06	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail**
1	From “Home”, click the “Contact” button on the navigation bar	Page navigates from Home to Contact (contact.jsp) and loads correctly without errors.	<yes/no>	Yes
2	From “Contact”, click on “Home” button on the navigation bar	Page returns and displays homepage (index.jsp) content as intended.	<yes/no>	Yes
3	Hover over the “Contact” button on the navigation bar	The navigation button should apply a hover effect, but the formatting is different compared to the other pages.	<yes/no>	No
4	Press the “tab” key to view highlight buttons on the navigation bar	Each navigation item receives keyboard focus on logical order with visible highlighting.	<yes/no>	Yes

5	Refresh browser while viewing the Contact Us page	The Contact page reloads properly and displays without 404 errors.	<yes/no>	Yes
Comments	The “Contact Us” page navigates between pages and is functioning as expected, allowing seamless movements from Home to Contact and vice versa. The hover styling on the navigation bar is inconsistent compared to the other pages in Moffat Bay Lodge. To maintain a cohesive visual experience, styling adjustments should be applied to ensure a uniform interaction across all navigation bars.			

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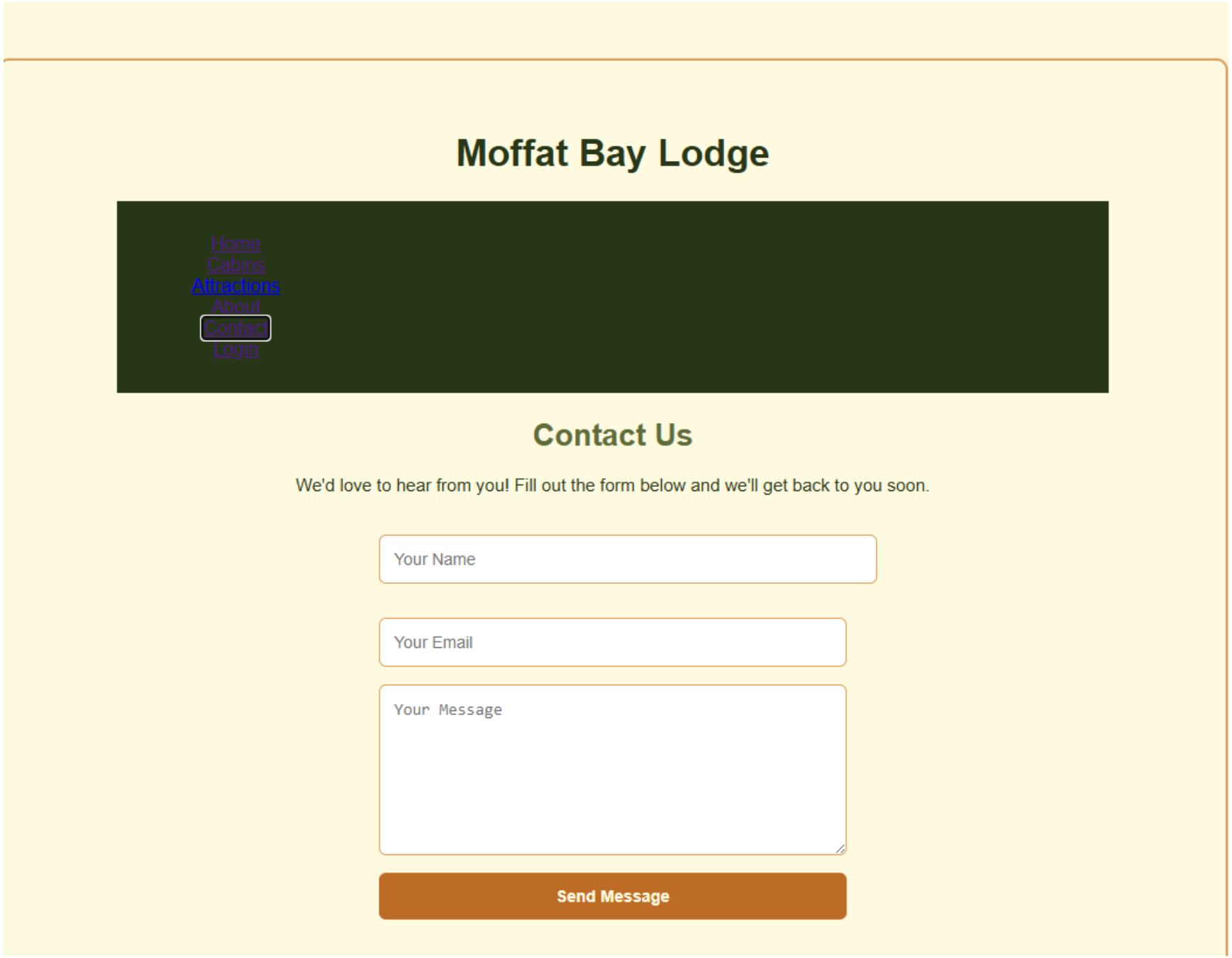
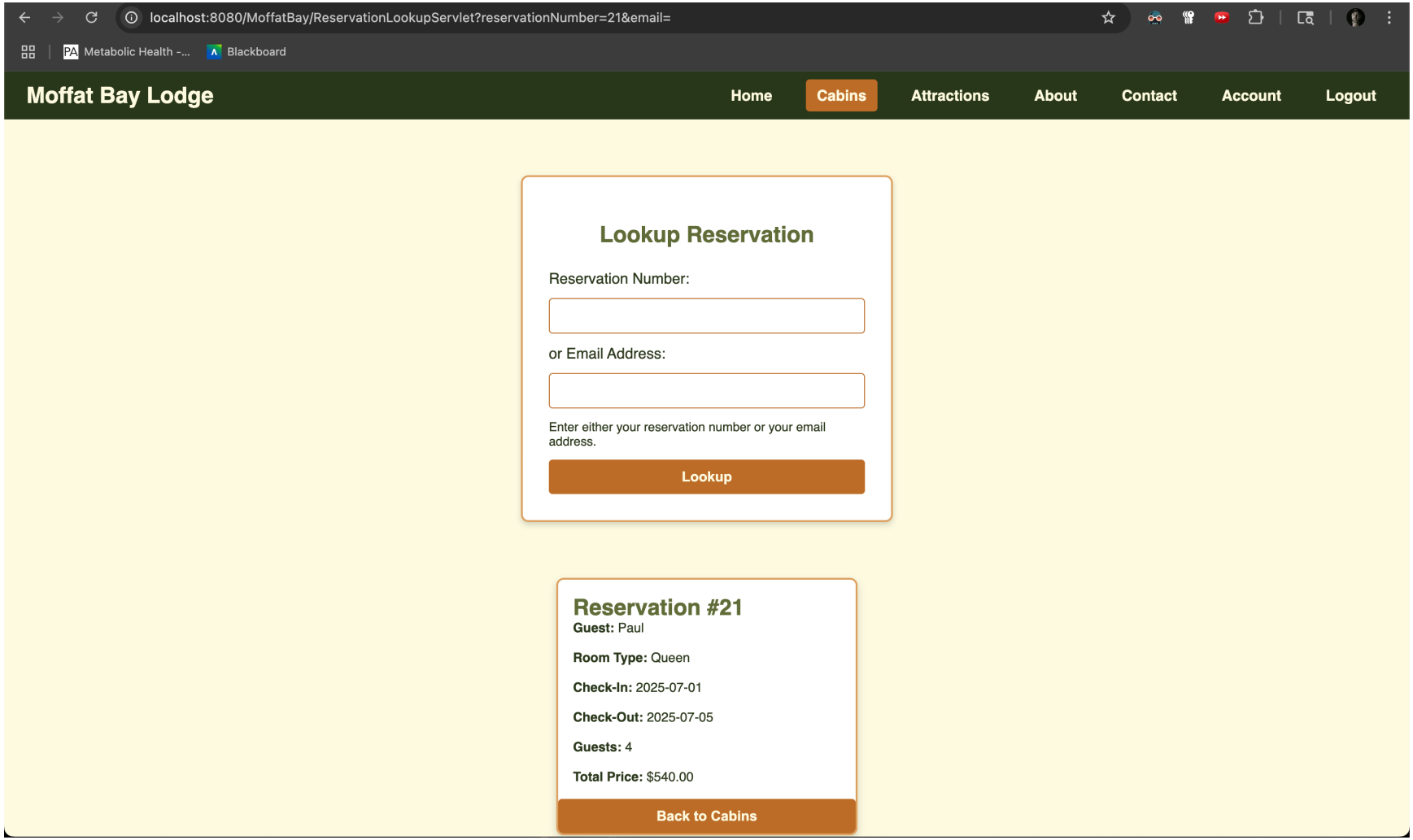
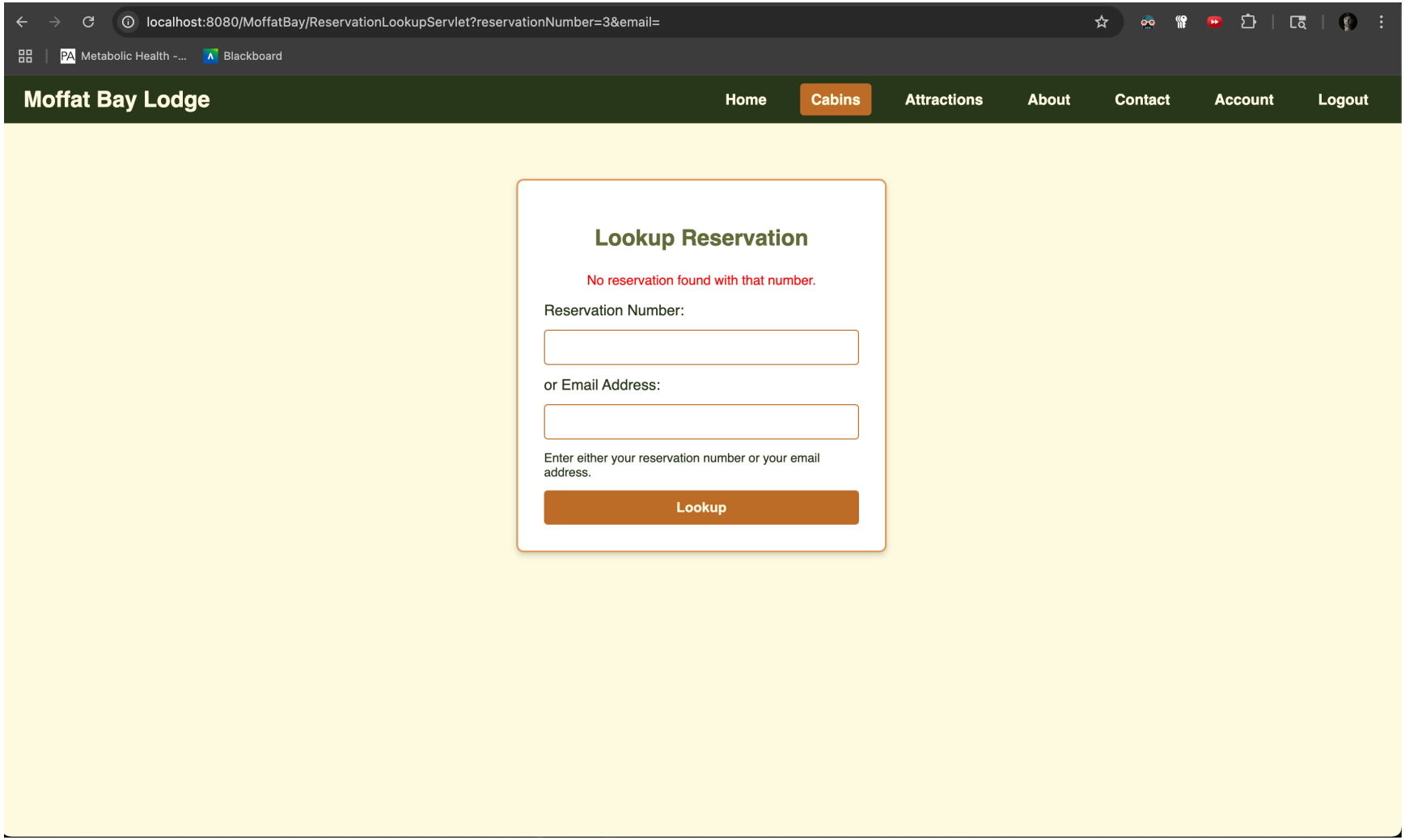
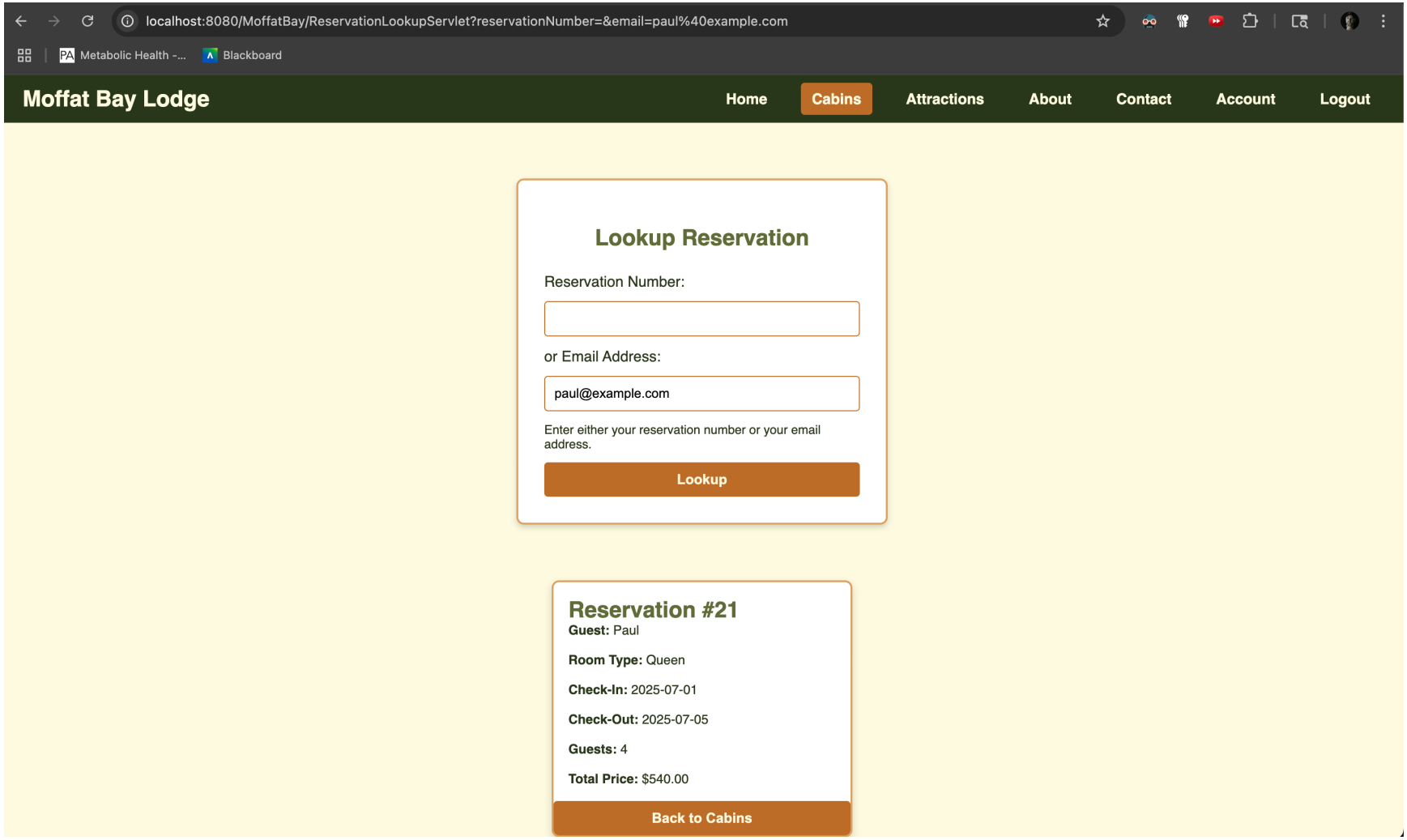


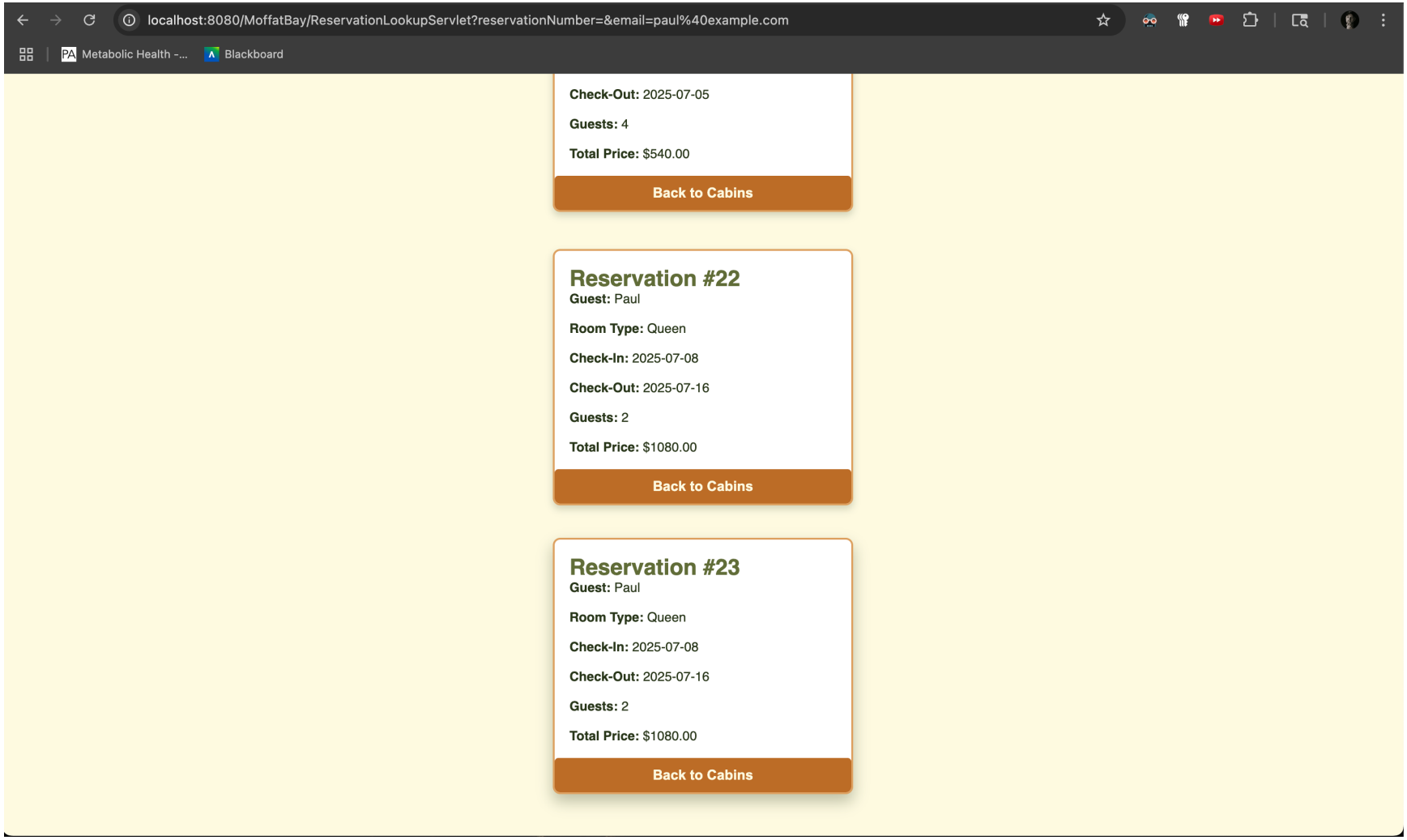
Test 3	**Reservation Look-Up by Reservation Number**			
	Test Objective: Navigate to the reservation look-up page and search by reservation number.	**Developer:** **Date tested:** <yyyy/mm/dd>	**Peer tester: Paul Romer** **Date tested:** 2025-07-06	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail**
1	Navigate to localhost:8080/MoffatBay	See the Moffat Bay home page (index.jsp)	<yes/no>	Yes
2	Click on Cabins	Be taken to login.jsp if not logged in. If logged in see reservation.jsp with the cabins and reservation look up	<yes/no>	Yes
3	Enter username and password and login	Taken to reservation.jsp. Should see the cabins and reservation lookup.	<yes/no>	No
4	Click “Reservation Look Up”	Taken to reservationLookup.jsp. See option to search by reservation number or email.	<yes/no>	Yes
5	Enter reservation number	If reservation exists, see the reservation details. If it doesn’t exist show ‘No reservation found with that number’	<yes/no>	Yes
Comments	The majority of the tests passed. Ultimately the functionality is there. I was able to navigate to and search for a reservation with the reservation number. The test that didn’t pass, was the expected behavior of logging into the website from the cabins page. I was navigated to the index.jsp instead of reservations.jsp. Something we should look at.			

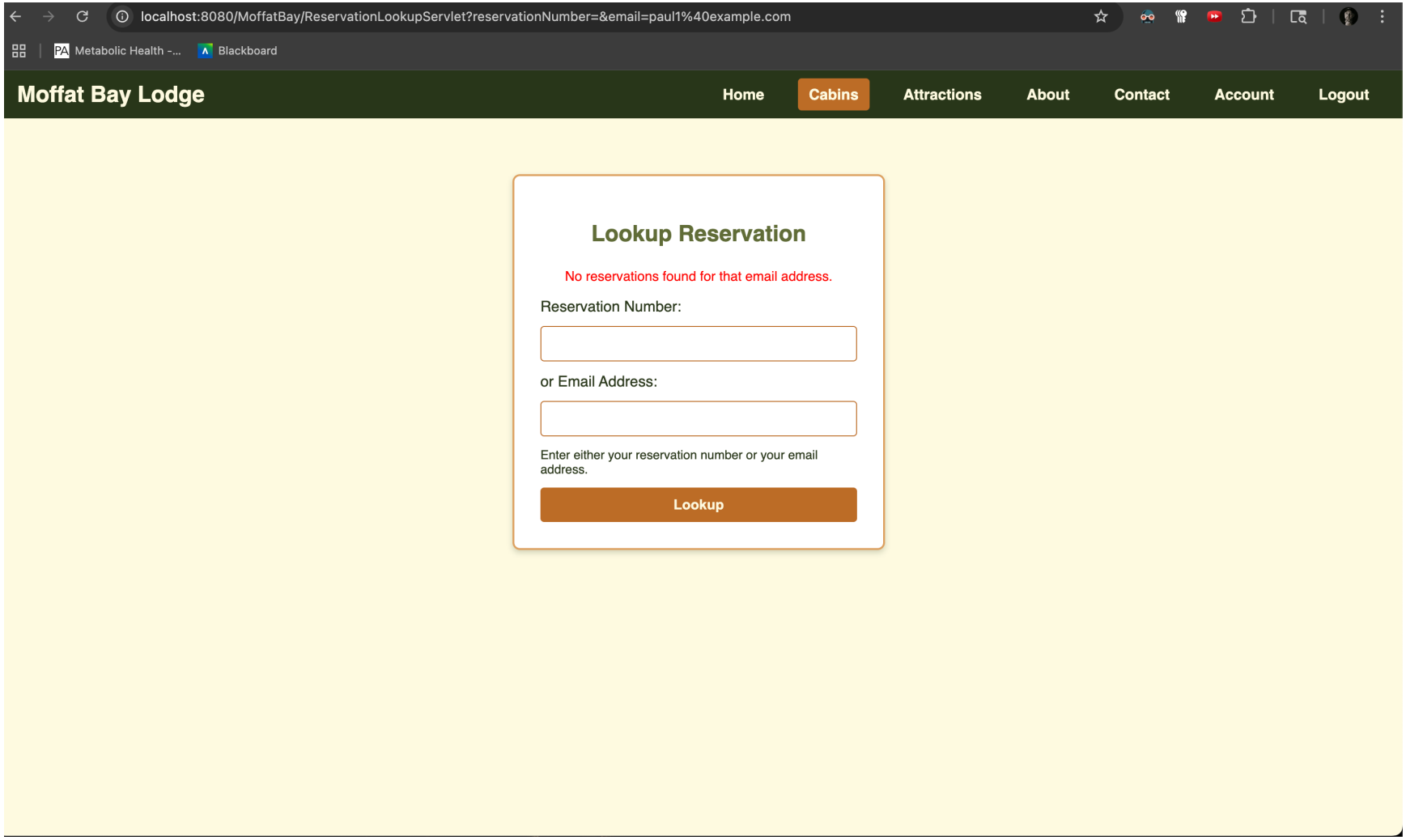

localhost:8080/MoffatBay/ReservationLookupServlet?reservationNumber=21&email=
Metabolic Health -...
Blackboard
Moffat Bay Lodge
Home
Cabins
Attractions
About
Contact
Account
Logout
Lookup Reservation
Reservation Number:
or Email Address:
Enter either your reservation number or your email address.
Lookup
Reservation #21
Guest: Paul
Room Type: Queen
Check-In: 2025-07-01
Check-Out: 2025-07-05
Guests: 4
Total Price: $540.00
Back to Cabins


localhost:8080/MoffatBay/ReservationLookupServlet?reservationNumber=3&email=
Metabolic Health -...
Blackboard
Moffat Bay Lodge
Home
Cabins
Attractions
About
Contact
Account
Logout
Lookup Reservation
No reservation found with that number.
Reservation Number:
or Email Address:
Enter either your reservation number or your email address.
Lookup

Test 4	**Reservation Look-Up Page by Email**			
	Test Objective: Navigate to the reservation look-up page and search by email.	**Developer:** **Date tested:** <yyyy/mm/dd>	**Peer tester: Paul Romer** **Date tested:** 2025/07/06	
Step	**Action**	**Expected results:**	**Developer pass/fail**	**Tester pass/fail**
1	Navigate to localhost:8080/MoffatBay	See the Moffat Bay home page (index.jsp)	<yes/no>	Yes
2	Click on Cabins	Be taken to login.jsp if not logged in. If logged in see reservation.jsp with the cabins and reservation look up	<yes/no>	Yes
3	Enter username and password and login	Taken to reservation.jsp. Should see the cabins and reservation lookup.	<yes/no>	No
4	Click “Reservation Look Up”	Taken to reservationLookup.jsp. See option to search by reservation number or email.	<yes/no>	Yes
5	Enter email	If there is reservations that have that email, they are displayed.	<yes/no>	Yes
Comments	Most tests passed. Navigation was easy and intuitive. Seach functionality worked well and expected results were displayed.			


localhost:8080/MoffatBay/ReservationLookupServlet?reservationNumber=&email=paul%40example.com
Metabolic Health -...
Blackboard
Moffat Bay Lodge
Home
Cabins
Attractions
About
Contact
Account
Logout
Lookup Reservation
Reservation Number:
or Email Address:
paul@example.com
Enter either your reservation number or your email address.
Lookup
Reservation #21
Guest: Paul
Room Type: Queen
Check-In: 2025-07-01
Check-Out: 2025-07-05
Guests: 4
Total Price: $540.00
Back to Cabins


localhost:8080/MoffatBay/ReservationLookupServlet?reservationNumber=&email=paul%40example.com
Metabolic Health -...
Blackboard
Check-Out: 2025-07-05
Guests: 4
Total Price: $540.00
Back to Cabins
Reservation #22
Guest: Paul
Room Type: Queen
Check-In: 2025-07-08
Check-Out: 2025-07-16
Guests: 2
Total Price: $1080.00
Back to Cabins
Reservation #23
Guest: Paul
Room Type: Queen
Check-In: 2025-07-08
Check-Out: 2025-07-16
Guests: 2
Total Price: $1080.00
Back to Cabins


localhost:8080/MoffatBay/ReservationLookupServlet?reservationNumber=&email=paul1%40example.com
Metabolic Health -...
Blackboard
Moffat Bay Lodge
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Cabins
Attractions
About
Contact
Account
Logout
Lookup Reservation
No reservations found for that email address.
Reservation Number:
or Email Address:
Enter either your reservation number or your email address.
Lookup