

# Team Charlie Project: Moffat Bay Lodge

CSD-460 Mod 11 assignment

09/27/23

Clint Steadman  
Joshua Welch  
Aura Elle Winters  
Riese Bohnak

# Introduction of Team

- Clint Steadman – Team Leader and front-end development/visuals
- Joshua Welch – back-end development. Created our framework and database.
- Aura Elle Winters – “Our History” write up on About Page
- Riese Bohnak

# Sample Prototypes

Prototype Mockup of Landing Page →

One of our goals for the site was to be able to make a reservation by selecting a room from a visual graphic.

Wireframe Prototypes:

The image displays three wireframe prototypes of a vacation booking website, arranged side-by-side. The first prototype shows a landing page with a search form for 'Book Your Vacation' and a room selection grid. The second prototype shows a login page with fields for email and password, and a link to 'Don't have an Account? Click here.' The third prototype shows an 'Activities' page featuring four placeholder boxes for images and descriptions.

The image shows the final design mockup of the Moffat Bay Lodge website. The header includes links for Reservations, Attractions, Contact Us, and About Us, along with a Login button. The main content area features a large teal banner with the text 'Moffat Bay Lodge' and a call-to-action 'Welcome to your next vacation Book your dream stay [now!](#)'. Below the banner are four promotional sections: 'Kayaking' (with an image of people in kayaks), 'Scuba Diving' (with an image of scuba divers), 'Whale Watching' (with an image of a whale's tail), and 'Hiking' (with an image of a hiker in a forest). At the bottom, there is a footer with the hotel's name, social media links (Facebook, Instagram, Twitter, TikTok), and navigation links for Home, Reservations, Attractions, About Us, and Contact Us.

# ...Wireframes continued

Registration Page  
Moffat Bay Lodge Account B

Res Attractions Contact About

Registration  
Create an Account to get started

First Name: \_\_\_\_\_  
Last Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Password: \_\_\_\_\_  
Confirm Password: \_\_\_\_\_

Register  
Already have an account? Click here

Reservation look up  
Moffat Bay Lodge Account B

Res Attractions Contact About

Reservation Lookup

Reservation ID: \_\_\_\_\_  
OR  
email: \_\_\_\_\_

Submit

Res. Lookup Results  
Moffat Bay Lodge Account B

Res Attractions Cont. About

Current Reservations

Checkin/out: \_\_\_\_\_  
Room Size : \_\_\_\_\_  
# of Guests : \_\_\_\_\_

Reservation Summary  
Moffat Bay Lodge Account B

Res Attractions Contact About

Reservation Confirmation  
Date: \_\_\_\_\_  
Room Size: \_\_\_\_\_  
Room #: \_\_\_\_\_  
Total: \_\_\_\_\_

Cancel Save

Contact Us Page  
Moffat Bay Lodge Account B

Res Attractions Contact About

Contact

Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Name: \_\_\_\_\_  
Email: \_\_\_\_\_  
Message: \_\_\_\_\_

MAP  
614 Marquette Way

About Us Page  
Moffat Bay Lodge Account B

Res Attractions Contact About

About US

History

Images

Moffat Bay Lodge Account B

Res Attractions Contact About

Account

First Name: \_\_\_\_\_  
Last Name: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_  
Password: \* \* \* \*

Reservations

Moffat Bay Lodge

Home Reservations Activities About Us Contact Us

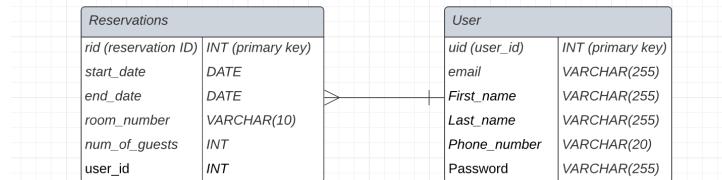
Social Media Icons

# ERD

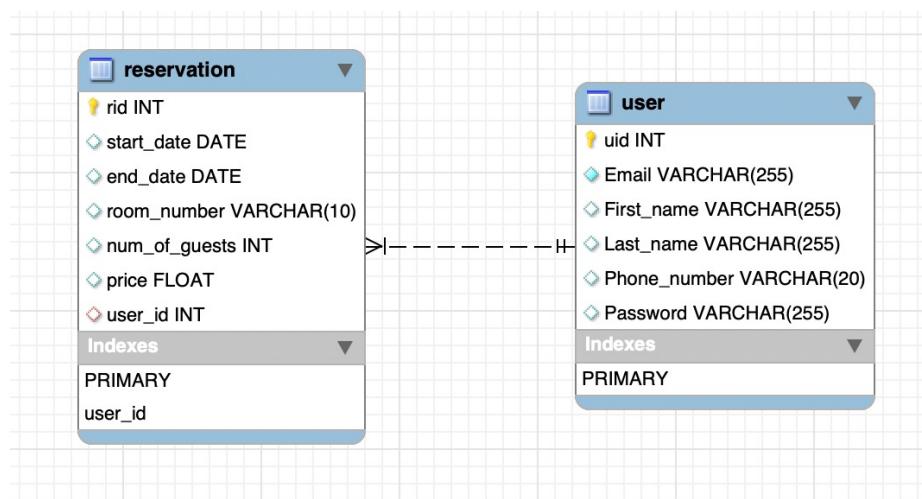
Moffat\_bay database containing the following tables  
- rid: reservation id  
- uid: user id

Initial ERD

Moffat Bay ERD



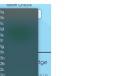
Final ERD  
(reverse engineered from  
MySQLWorkbench)



# Description of tests created, and results of those tests

Most tests created for each page consisted of a set of visual tests and a set of functional tests. One person acted as the developer and the other as the tester. The tester posted screenshots of each test.

Test 1 Room Reservation Page Functionality Test #1(visuals)				
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Enter website address	Page Loads	yes	
2	Examine Page	All Elements are in place	yes	Yes***
3	Examine Page (cont'd)	All photos are visible	yes	Yes***
4	Scroll down/up page	Everything is accessible and nothing shifts	yes	
Comments	Works as expected			

Test 2 Room Reservation Page Functionality Test #2 (room/date/# of guest)				
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	View room layout	All elements are visible and aligned correctly	yes	
2	Interact with room layout	Mouse hover over layout shows each room highlight in green.	yes	
3	Interact with room layout selection (cont'd)	Green highlight stays on room when clicked and room number field updates	yes	
4	Interact with room layout selection(cont'd)	The room drop down allows for selection of all possible room numbers.	yes	
5	Interact with date selection (both)	A date is selectable when the date field is clicked	yes	
6	Insert earlier end date than start date	Error message appears	yes	
7	Interact with # of guests (cont'd)	Input field allows typed in number as well as arrow selection	yes	
8	Interact with # of guests (cont'd)	Price shows and updates with amount of guests selected.	yes	
Comments	Everything works as expected			

# Tests continued

Test 1 Attractions Page Functionality Test #1(visuals)				
Test Objective: Test visual aspects of page		Developer: Clint Steadman	Peer tester: Joshua Welch	Date tested: 2023/09/22
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Enter website address	Page Loads	yes	
2	Examine Page	All Elements are in place	yes	
3	Scroll down/up page	Everything is accessible and nothing shifts	yes	Yes***
4	Readability	All text makes sense and is not confusing	yes	Yes***
Comments	The site is very simple and directs the user to the front desk for more information. Gives a good idea of what's available. It's all static so not much to critique.			

Test 4 Contact Us Page Functionality Test #4 (actions) (in About Us Page)				
Test Objective: Test functionality aspects of page		Developer: Clint Steadman	Peer tester: Joshua Welch	Date tested: 2023/09/13
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Interact with message box	input is accepted	yes	
2	Click "send" after inputting a message	Email pops up to send a message to the hotel staff	yes	
3	Click on "view larger map" on the map	You are taken to the google maps website	yes	
4	Interact with map: drag map view around, zoom in and zoom out	The map responds with being dragged around and zoomed in and out	yes	
Comments	This was a deeper dive into the contact portion of the about us page. All elements worked as expected.			

Test 2 Attractions Page Functionality Test #2 (actions and outside links)				
Test Objective: Test functionality aspects of page		Developer: Clint Steadman	Peer tester: Joshua Welch	Date tested: 2023/09/22
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Click on Attractions in the navbar	The attractions page loads	yes	
2	Click on Attractions in the footer	The attractions page loads	yes	
3	Make window smaller	Page and elements resize with now issue and is all visible.	yes	
4	Scroll down the page	Everything remains visible, readable and in place.	yes	
5	Login and then click on any attractions link. Do the same when logged out.	You are taken to the attractions page in both instances.	yes	
Comments	Not much functionality other than the typical sizing and links to the page. Everything is as expected.			

Test 3 Contact Us Page Functionality Test #1 (Visuals) (in About Us Page)				
Test Objective: Test visual aspects of page		Developer: Clint Steadman	Peer tester: Joshua Welch	Date tested: 2023/09/13
Step	Action	Expected results:	Developer pass/fail	Tester pass/fail
1	Enter website address	Page Loads	yes	
2	Examine Page	All planned and expected elements are in place	yes	
3	Scroll down/up page	Everything is accessible and nothing shifts	yes	
4	Readability	All text makes sense and is not confusing	yes	Yes***
Comments	Like it was pointed out before, this was assimilated into the about us page per the requirement change. All elements work as expected.			

# Tests continued

We were also instructed to do peer tests. We each made our own questions and then had a friend/colleague respond with their findings. Edits/fixes will be made after classmate reviews.

**Test 1:**

**Clint Steadman**

**Tester – Kevin Meza (friend/roommate)**

- 1. What are your initial thoughts and impressions of the website?** - I loved it! Felt inviting! I wanted to jump in and reserve things immediately.
- 2. Was the website easy to use, and could you find what you needed quickly?** - Easy to navigate. All the links said what they were going to do, and it was easy to understand.
- 3. What are your thoughts on the website's look and organization, including the use of colors, fonts, and images that match its content and purpose?** - The website's font and colors were good. I do think that the main page should have a little bit more depth with the colors. Maybe a sort of gradience from a darker blue to light blue. I also think the bright green looks like a teenager's bedroom. Kind of reminds me of Disney XD. So, I would suggest a darker green, maybe a little older and sophisticated.
- 4. Did the website's content provide the information you needed in an engaging way, or do you think there's room for improvement in certain areas?** - The information was helpful. With the reservation center, maybe there could be more information with what's included in the room. "This room has two queen beds and a sofa that could sleep up to three (3) adults." Something like that could give me peace of mind of what I'm getting myself into. Maybe some pictures of the model rooms?
- 5. Did you face any problems or glitches while using the website, and did all the interactive elements, like forms and buttons, function as they should?** - No issues! No link was broken, and everything worked fine.
- 6. How do you think the website could be improved, and do you have any specific suggestions or enhancements in mind?** - These are so nitpicky, but they bugged me:
  - A. For the Reservation page, when choosing the rooms: "1a" doesn't sit right as opposed to "1A".
  - B. For the Home page, "Welcome to your dream vacation" I feel like it should have a "!". It could also be the vibe the page that gives off as a fast-paced kind of theme.
  - C. For the confirmation screen of the Reservations, it says "I confirm this reservation", I would add the period at the end of the sentence.

# Tests continued

## Test #2

Joshua Welch

Tester – James Nunez (boyfriend)

### Usability and Navigation:

**1. Did you find it easy to navigate through the website and locate the necessary information for booking a room?**

Yes, it was easy

**2. Were the menu options and buttons clear and intuitive for you to use?**

yes, there were big to see and easy to use

**3. Did you encounter any difficulties while trying to log in or manage your past bookings?**

only thing I had trouble with was the reservations rooms not letting me click on them had to refresh the page 3 times.

**4. Did the buttons colors help you decide the right option?**

yes, they did.

**5. Any other things you noticed about this topic?**

I really like the design of the website.

### User Experience:

**1. How would you rate the overall user experience while using the website to book a room? Why?**

fast easy efficient

**2. Were there any specific features or aspects of the website that you found particularly enjoyable or frustrating?**

the fact that I had to refresh 3 times on the reservation page but that's it.

**3. Any other things you noticed about this topic?**

no not really.

### Booking Process:

**1. Can you describe your experience with the booking process, from selecting a room to completing the reservation?**

fast efficient and easy to do.

**2. Were there any issues or areas where you felt the booking process could be improved for user convenience?**

no, I got what I wanted in a timely matter and that's all that should really matter for a booking website.

**3. Any other things you noticed about this topic?**

none that I can think of

### Search Functionality:

**1. How effective was the search functionality in helping you find available rooms that met your criteria?**

it works decent no complaints here.

**2. Were the search filters (e.g., date range, room type, price) easy to use and understand?**

yes, I like that I could click on the date that I wanted.

**3. Did you encounter any issues while booking a room?**

he fact that I had to refresh 3 times on the reservation page but that's it.

**4. Anything that could have made that process easier?**

Fix the issues stated above and the site is basically perfect

# Lessons Learned as a team

- Each of our strengths

We relied on self discovery when exploring what we each do best and what each team member can effectively contribute. We learned a lot from each other, and it was always ok to ask for help.

- Time management

The best way to get things done, and done right, was to work on each week's assignment within a timely manner so that there was time for adjustment before each week's deliverable was due.

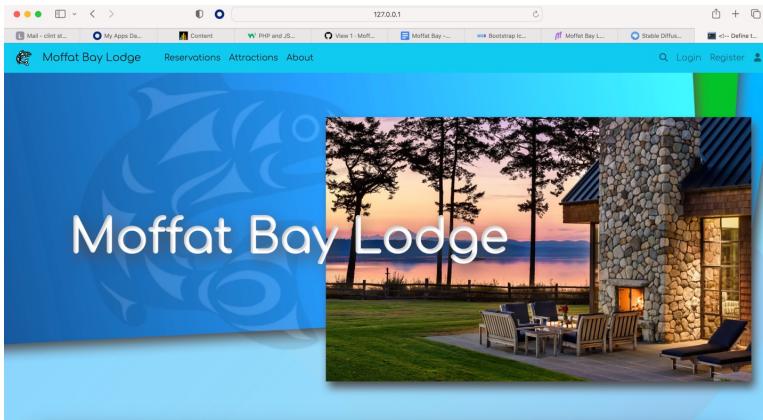
- Team member participation

We learned that we can't expect everyone to always "show up to work". There were times we waited to submit the assignment so that everyone had a chance to contribute. A good practice, but in the end, there were teammates who chose not to participate.

# Screenshots and video capture

Please note that full page screenshots are spliced together

## Landing Page



A full-page screenshot of the Moffat Bay Lodge website. The top navigation bar includes links for Reservations, Attractions, and About. A search bar and user account icons are also present. The main header features a large, stylized logo and the text "Moffat Bay Lodge". To the right is a photograph of a stone building at sunset. Below the header is a large banner with the text "Adventure Awaits Here" and a call-to-action button. The page is divided into several sections: "Unparalleled Beauty" (San Juan Islands), "Be Amazed" (wildlife like orcas), "Feel at Home" (lobby), and "Luxury Rooms" (bedroom). Social media links for Facebook, X, Reservations, About Us, Attractions, Instagram, and LinkedIn are at the bottom.

# About Us, Attractions and Account Registration Pages

## About Us

### Our History

Moffat Bay Lodge has a rich and storied history that dates back to the early 20th century. Founded by John Moffat, a visionary entrepreneur and nature enthusiast, the lodge began as a modest lakeside retreat for those seeking solace in the beauty of nature.

Over the years, Moffat Bay Lodge evolved into a premier destination for outdoor enthusiasts, offering a wide range of recreational activities including boating, fishing, hiking, and wildlife watching. The lodges commitment to preserving the natural environment while providing exceptional guest experiences has been the cornerstone of its success.

We'd love to hear from you!

Name:

Email:

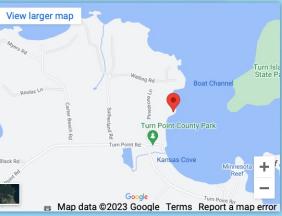
Message:

**Send**

### Contact Information

123 Pinedrone Lane  
San Juan Island, Washington 98250  
Email: moffatbaylodge@folk.com  
Phone: (203) 456-7890

[View larger map](#)



Map data ©2023 Google Terms Report a map error

**Moffat Bay Lodge**

[Home](#) [Reservations](#) [About Us](#) [Attractions](#) [Instagram](#) [LinkedIn](#)

## Moffat Bay Lodge

Reservations Attractions About

Q Login Register

### Attractions

Stop by the front desk for schedules, rentals, and recommendations



Kayaking  
The Pacific is calling! Live your ocean adventure.



Scuba Diving  
Unique marine life makes our scuba experiences one in a million.



Whale Watching  
Our world-renowned whale watching is awe-inspiring.



Hiking  
Explore nearby Evergreen forests and bask in the open-air beauty.

**Moffat Bay Lodge**

[Home](#) [About Us](#) [Reservations](#) [Attractions](#) [Instagram](#) [LinkedIn](#)

Q Login Register

### Register Account

Create an account to get started!  
Already have an account? [Login](#)

\*First Name:

\*Last Name:

\*Email:

\*Phone Number:

\*Password:

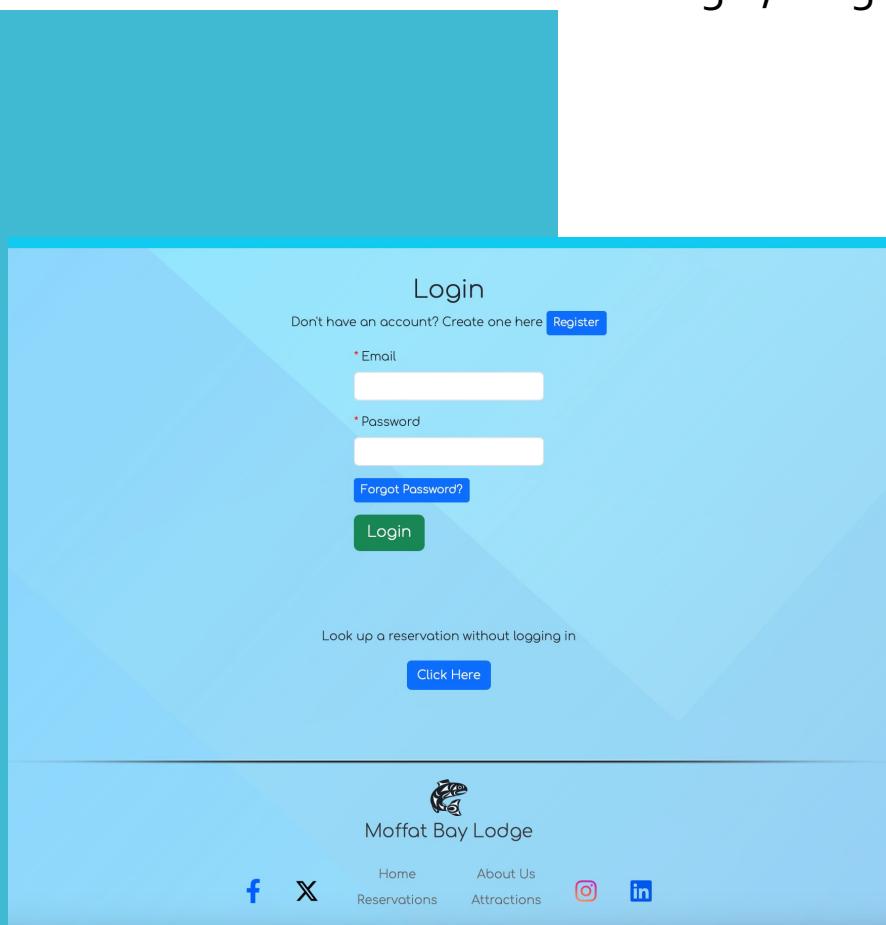
\*Confirm Password:

**Register**

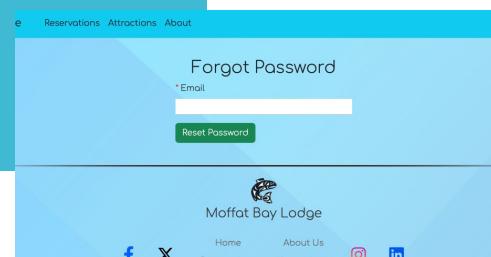
**Moffat Bay Lodge**

[Home](#) [About Us](#) [Reservations](#) [Attractions](#) [Instagram](#) [LinkedIn](#)

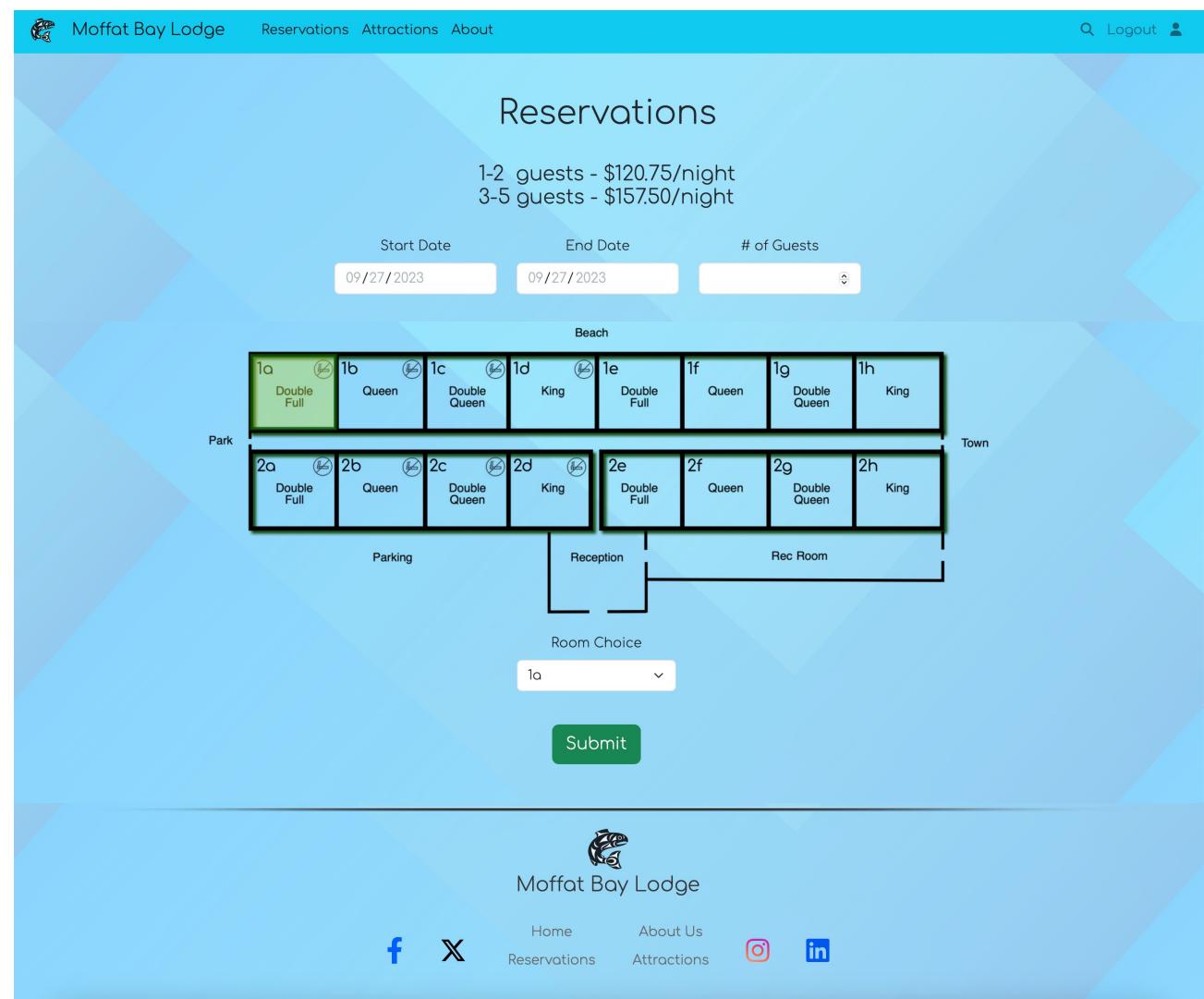
# Login, Forgot Password and Reservation Pages



The login page features a teal header and footer. The main content area has a light blue background with a diagonal pattern. It includes fields for Email and Password, a 'Forgot Password?' link, and a green 'Login' button. Below these are links for 'Register' and 'Look up a reservation without logging in' with a 'Click Here' button. The footer contains the Moffat Bay Lodge logo, social media links (Facebook, X, Instagram, LinkedIn), and navigation links for Home, Reservations, About Us, Attractions.



The forgot password page has a teal header and footer. The main content area has a light blue background with a diagonal pattern. It includes a 'Forgot Password?' link, a field for Email, and a green 'Reset Password' button. The footer contains the Moffat Bay Lodge logo, social media links (Facebook, X, Instagram, LinkedIn), and navigation links for Home, Reservations, About Us, Attractions.



The reservations page features a teal header with the Moffat Bay Lodge logo, search bar, and navigation links for Reservations, Attractions, and About. The main content area has a light blue background with a diagonal pattern. It displays room availability for 1-2 guests at \$120.75/night and 3-5 guests at \$157.50/night. It includes input fields for Start Date (09/27/2023), End Date (09/27/2023), and # of Guests (dropdown). A grid shows room types: Beach (1a: Double Full, 1b: Queen, 1c: Double Queen, 1d: King, 1e: Double Full, 1f: Queen, 1g: Double Queen, 1h: King), Park (2a: Double Full, 2b: Queen, 2c: Double Queen, 2d: King), Parking, Reception, and Rec Room. A dropdown menu allows selecting a room choice (1a) and a green 'Submit' button. The footer contains the Moffat Bay Lodge logo, social media links (Facebook, X, Instagram, LinkedIn), and navigation links for Home, Reservations, About Us, Attractions.

# Reservation Summary, edit profile and Look up Reservation Pages

Moffat Bay Lodge | Reservations | Attractions | About

### Confirm Reservation

Are you sure you want to make this reservation?

Start Date:	2023-09-28
End Date:	2023-09-29
Guests:	2
Room Number:	1b
Price:	Price: \$120.75

I confirm this reservation

[Cancel](#) [Submit](#)

ROOM CHOICE  
1b

Moffat Bay Lodge | Reservations | Attractions | About

### Edit Profile

First Name: Clint  
Last Name: Steadman  
Email: clinty2710@hotmail.com  
Phone Number:   
Password:

[Save Changes](#) [Reservation Lookup Tool](#) [Show All Reservations](#)

Moffat Bay Lodge | Reservations | Attractions | About

### Global Search

Reservation Lookup Tool  
Please enter your email or reservation ID

Email:   
Reservation ID:

[Search](#) [Add Reservation](#) [Show All Reservations](#)

### Search Results:

User	Reservation ID	Details
clinty2710@hotmail.com	17	<a href="#">View</a>
clinty2710@hotmail.com	18	<a href="#">View</a>
clinty2710@hotmail.com	19	<a href="#">View</a>

Moffat Bay Lodge | [Home](#) | [About Us](#) | [Reservations](#) | [Attractions](#) | [Logout](#)

The End

