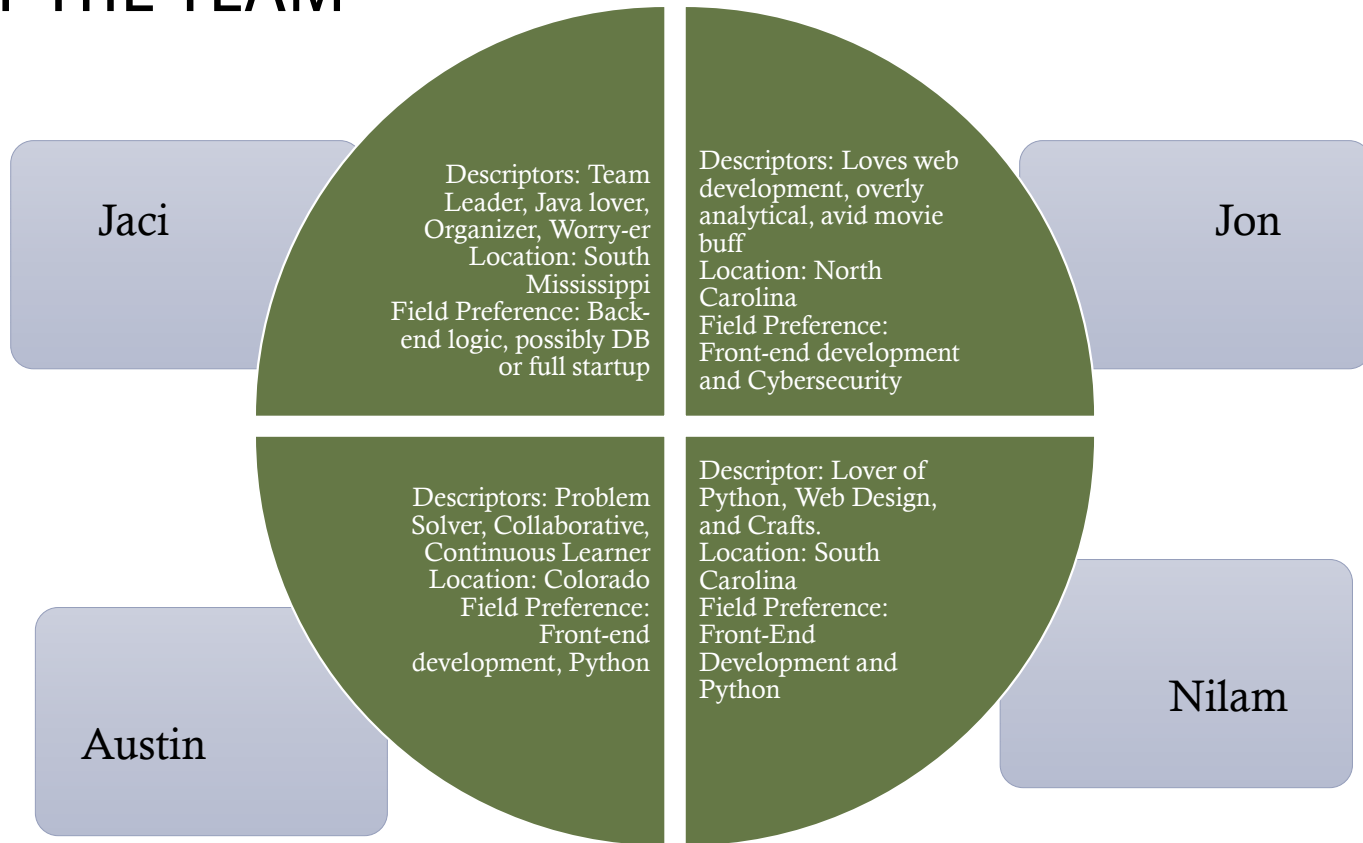

MOFFAT BAY LODGE

Jaci Brown
Austin Moore
Jon Green
Nilam Abdul-Haqq



ABOUT THE TEAM



DESIGN PROCESS

- While building a website to represent Moffat Bay Lodge, we considered the surrounding area carefully. We wanted to bring to life the spirit of the experience here on Joviesda Island.



ROUGH PROTOTYPES

Initially, our designs were very basic. We naturally aligned to having contrast for text and menu bars. The goal was to have a mental image to hold while coding, and a way to see the requirements visually.

MB

HOME

ACTIVITIES

BOOK

TRIP LOOKUP

FAQ'S

LOGIN

Registration

Fill out all fields below to register for a free account.

THEN YOU CAN BOOK AN
EXCITING ADVENTURE!

First Name

Last Name

Password

?

Password Requirements:
8 characters, 1 number, 1 symbol

Email

Repeat Password

Phone Number

Register

Day Resort & Lodge


Address

Map Link

Phone #

The screenshot shows the top portion of a web browser window displaying the "Moffat Bay Lodge" website. The page has a dark grey header with four white navigation buttons labeled "Home", "Activities", "Book Your Trip", and "Trip Log Up". A "Login" link is visible in the top right corner. Below the header, a light blue banner contains the text "See the attraction of Moffat Bay!". Underneath this banner are three square placeholders, each containing a large black 'X'. These placeholders represent missing images. Below each placeholder is a caption: "HikingLake Pic", "RestaurantFine Dining Pic", and "MassageCountryside". Further down, the words "Adventure", "Feast", and "Pamper" are displayed, corresponding to the categories represented by the images above. At the bottom of the visible area, there is a white rectangular box with rounded corners containing several lines of placeholder text starting with "Blurb about adventure types, and activities nearby...".

PROTOTYPES IN ACTION:



Moffat Bay Resort

Home Book A Trip! Look Up Attractions Contact Us

Contact Us

Full Name:
Enter your full name

Email Address:
Enter your email address

Phone Number (Optional):
Enter your phone number

Reservation ID (Optional):

HOME	ACTIVITIES	BOOK	TRIP LOOKUP	FAQ'S	LOGIN
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Contact Us

Have a question? Looking for an exciting adventure? Not sure which getaway to choose from? Help is only one step away!

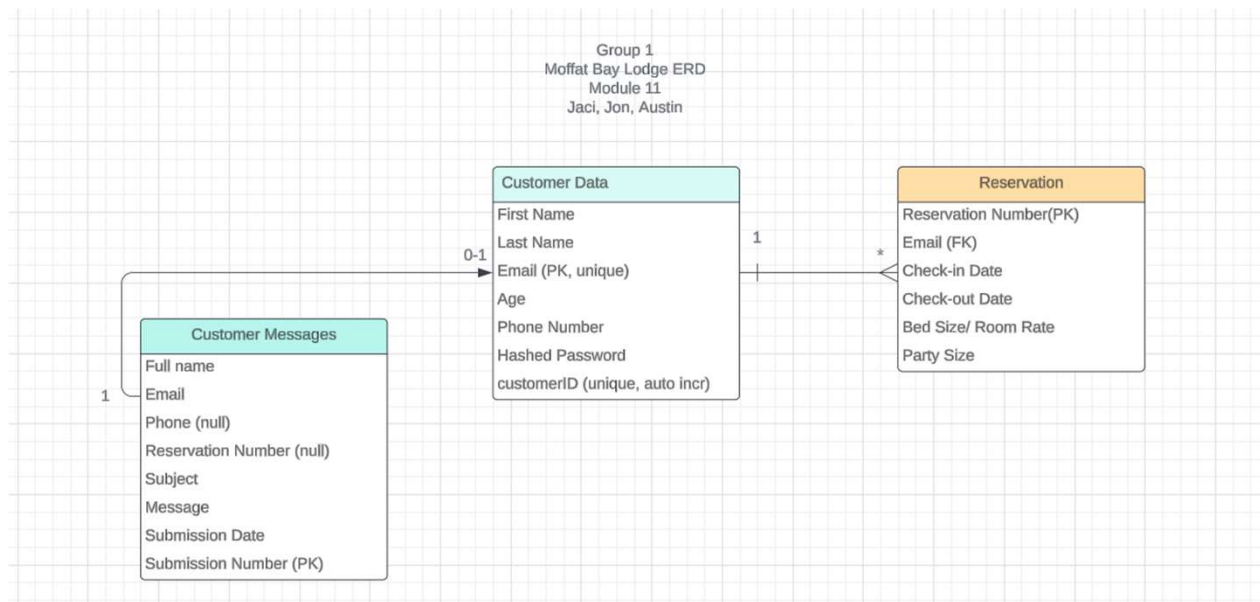
PHONE #
ADDRESS
CUSTOMERSUPPORT@MOFFATBAYRESORT.COM

Moffat Bay Resort & Lodge
About Us
Contact Us
Activities

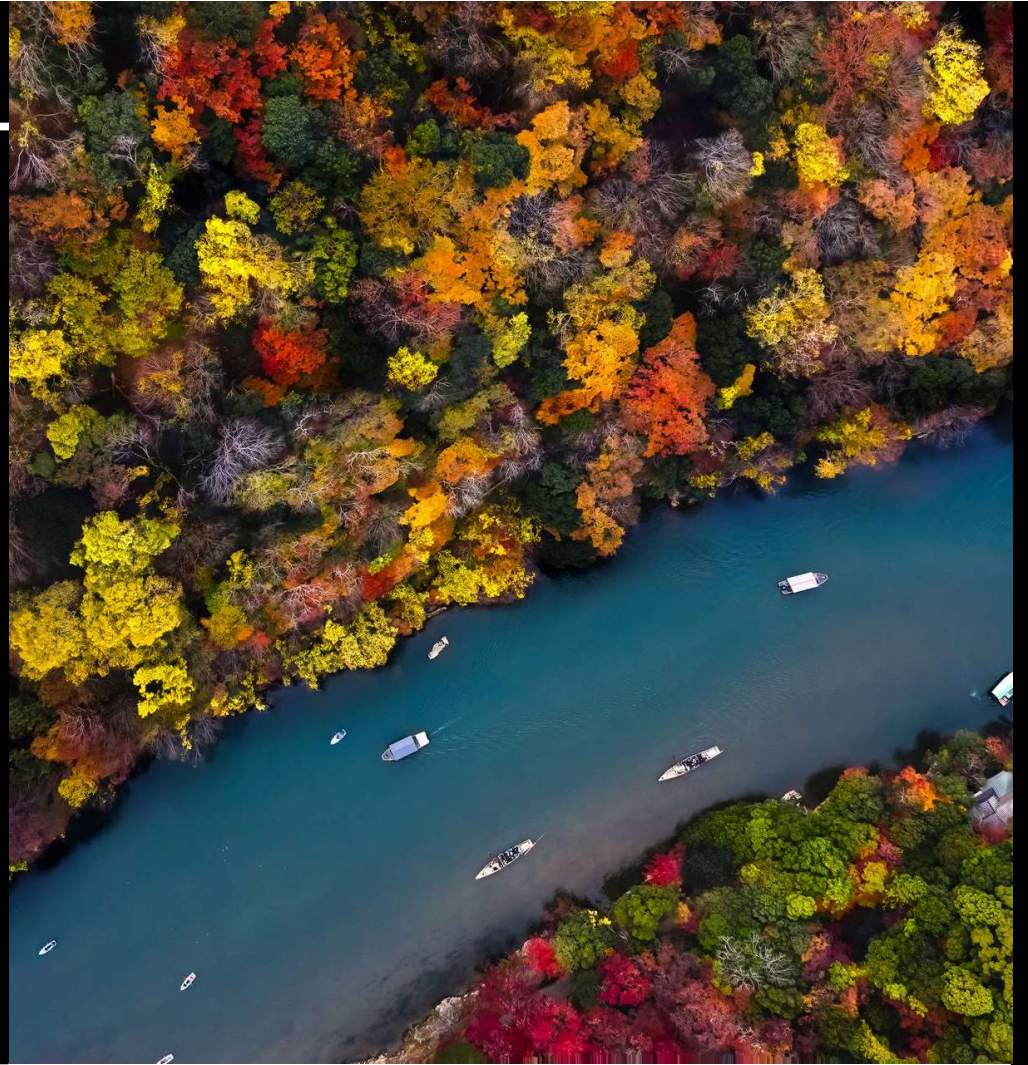
Some of the designs evolved as we settled on a cohesive style. Representing consistency was often highlighted to increase customer trust.

ERD AND TESTING

Our design initially only included customer data and reservations. As we began working, we soon realized we had overlooked storing the messages from the contact page. However, it was an easy addition to make.



TEST CASES



TEST CASE #1 – CONTACT US SUBMISSION PAGE SUMMARY

- The goal of this test is to ensure that the Contact Us page loads when the directional hyperlink is clicked from any of the corresponding webpages in the navigation bar. We also want to ensure that all of the graphics and HTML content populate successfully on the webpage. In our tests, we were able to successfully load and navigate the Contact Us page by clicking on one of the corresponding hyperlinks. In addition to the site loading, we were also able to confirm that the user was able to populate and enter data into the input boxes. The submitted data was then transmitted and stored within our database for later use. All backend programming logic worked as intended as the front-end successfully communicated with the backend to transmit data.

TEST CASE #1 – RESULTS

The name test produced an error, because the form expects a space between your first and last name.

Contact Us

Full Name:

Test

Email Address:

Test@email.com

Phone Number (Optional):

111-111-1111

Reservation ID (Optional):

Enter your reservation ID

Subject:

Test

Message:

Testing message

Submit

[illegible]

TEST CASE #2 – CREATING A RESERVATION

- The purpose of this test is to simulate a user successfully creating a reservation after loading the reservation page. In our testing, the user was able to input information into the data fields and submit the information to our database. The test confirmed that all required user fields were functional, and that the user could not proceed while the fields were left empty. The programming logic prevented empty data fields from being submitted by the user. We were also able to confirm that the various options for the cabin / bed type were available along with displaying the corresponding prices. The database successfully stored the user submitted data, and the user was then sent to a confirmation page afterwards. The confirmation page contained the Reservation ID along with all of the details contained within the completed reservation.

TEST CASE #3 – RESERVATION SEARCH TEST

- In this test, we are attempting to retrieve a previous user created reservation. The method used for conducting the test was searching with a predefined Reservation ID that was already stored within our database. The goal is to simulate a user attempting to retrieve data from a previously booked reservation. The test was comprised of the developer entering a reservation ID into the search field. There are other search options available on the site, however, we chose the predefined Reservation ID for simplicity of the test. Our test was successful in that we input the Reservation ID and were able to retrieve the stored information from our database. Once the site is in production, the user will be able to search by Reservation ID, name, email address, or phone number.

TEST CASE #2 & 3– RESULTS

Reservation Summary

Member: James, Patrick
Checking in on : 2024-12-04
Checking out on: 2024-12-07
Bed summary: 2FULL

Confirm

Cancel

× Success!

;

Look Up Reservation

Reservation Number:

Search

User email:

oreo@whitefudge.com

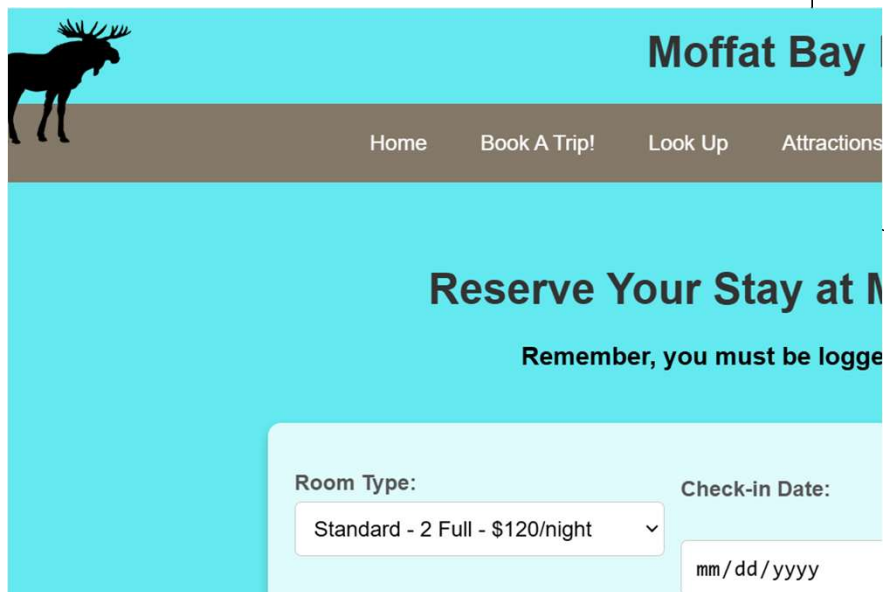
Search

Guest Name	Contact	Res. Num.	Check-In	Check-Out	Num. Guests
James, Patrick	oreo@whitefudge.com	3	2024-12-09	2024-12-16	4
James, Patrick	oreo@whitefudge.com	5	2024-12-04	2024-12-07	2

TEST CASE #4 – LOGIN PAGE VALIDATION

- We attempted to evaluate the programming logic pertaining to accepting user credentials in order to grant user access. In the test, we entered a username and password in order to simulate a user logging into our website. We confirmed that the user was unable to log in until all required data fields were populated. In addition, we also confirmed that the login attempt was rejected if the data did not match information currently stored within our database. On the failure attempt, the user was supplied with an error message indicating the reason for the failure. The test was successful as it only allowed users to gain login access to the site if the user supplied login credentials were matched to the data stored within the database.

TEST CASE #4 – RESULTS



Something went wrong. See error message below.

[Home](#)

[Book A Trip!](#)

[Look Up](#)

[Activities](#)

[Contact Us](#)

[About](#)

Error Message:

Your login was not successful due to incorrect email or password.

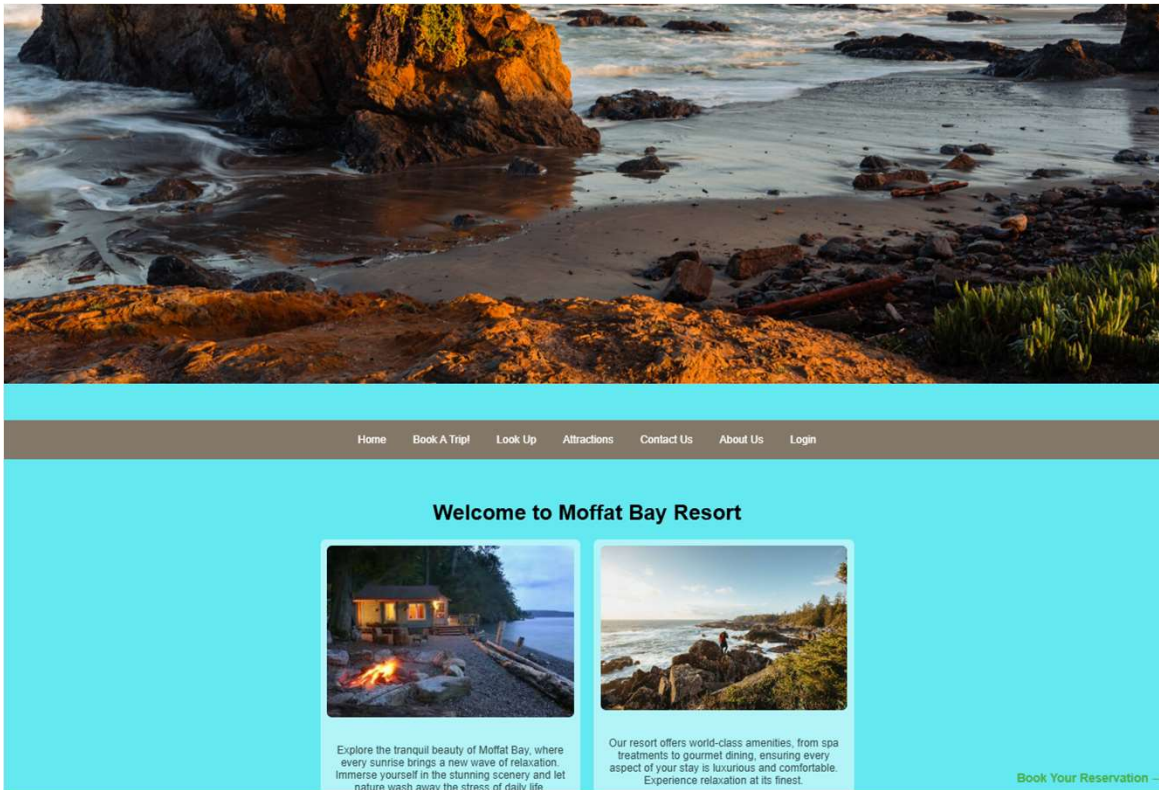
TEST CASE #5 – LANDING PAGE FUNCTIONALITY

- In order to ensure that the users were successfully able to visit our site, we conducted a landing page functionality test. The test was comprised of verifying that all HTML and CSS elements successfully loaded upon page generation. The team confirmed that the landing page populated with various images and links highlighting various aspects of the resort. Another component of the test was to ensure that each hyperlink that was included within the navigation bar was completely functional and directed the user to the corresponding webpage. We evaluated several different hyperlinks and successfully loaded the corresponding pages inside of a new browser tab on the attractions page only, to prevent customers from losing their place.



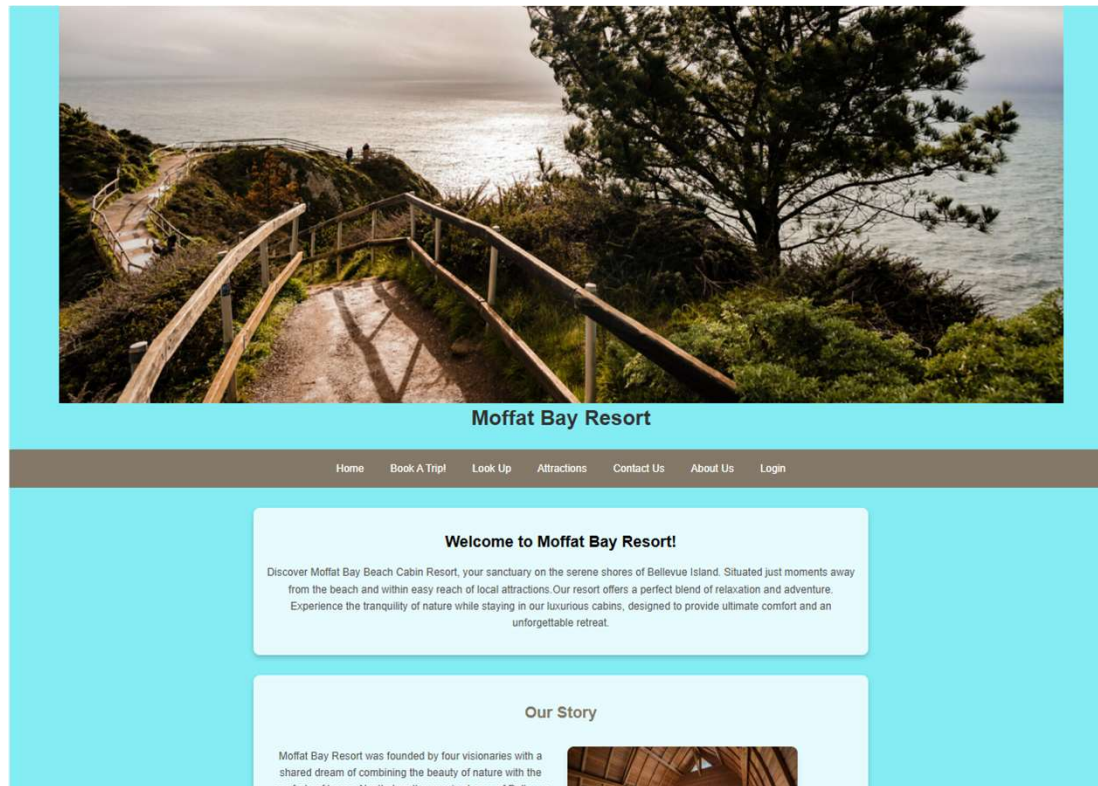
SCREEN CAPTURES OF SITE

LANDING PAGE



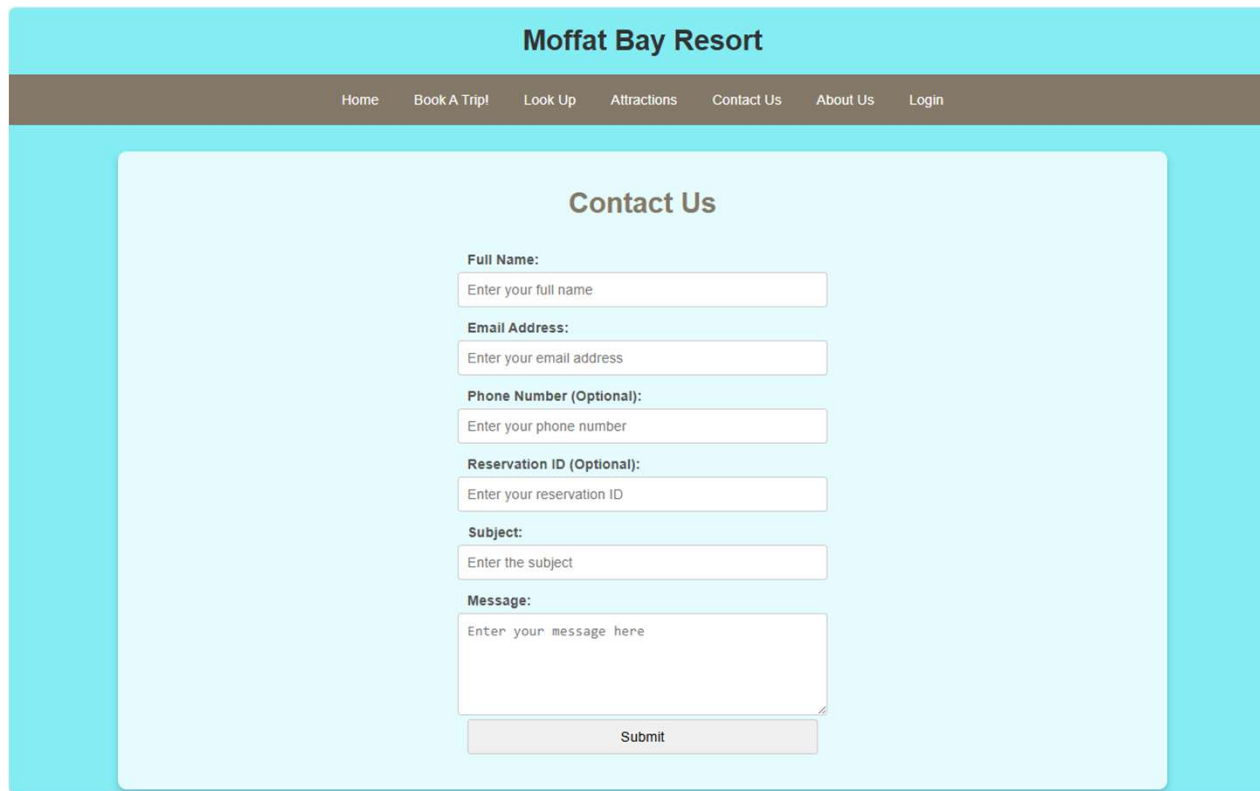
- Main picture is to capture the customers attention, showcasing amazing views by the resort. Home page has header bar along with other pictures and details of the resort overall.

ABOUT US PAGE



- Different view of the resort at the top of the page. About Us gives more of a story and what you can experience while here along with a booking button at the bottom of the page after reading through an immersive experience.

CONTACT US PAGE



The image shows a web form for Moffat Bay Resort. The form is titled 'Contact Us' and is set against a light blue background. It includes input fields for Full Name, Email Address, Phone Number (Optional), Reservation ID (Optional), Subject, and a Message field. A Submit button is located at the bottom of the form.

Moffat Bay Resort

Home Book A Trip! Look Up Attractions Contact Us About Us Login

Contact Us

Full Name:
Enter your full name

Email Address:
Enter your email address

Phone Number (Optional):
Enter your phone number

Reservation ID (Optional):
Enter your reservation ID

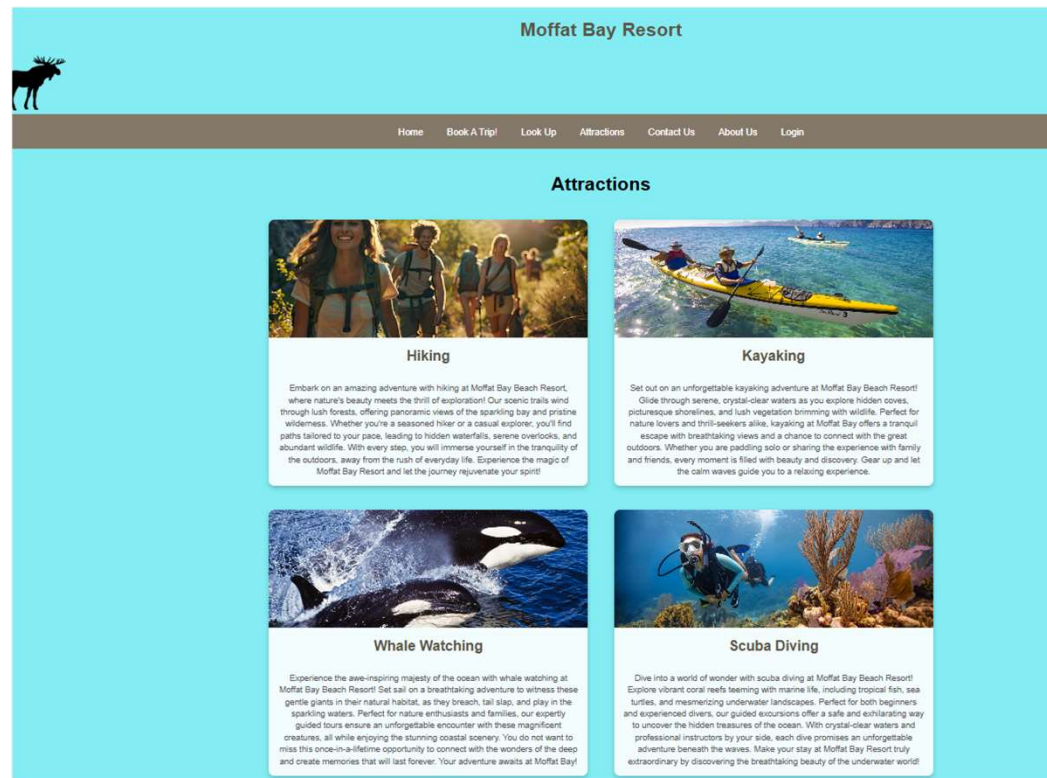
Subject:
Enter the subject

Message:
Enter your message here

Submit

- Contact us allows us to get in touch with you – just enter some information so we can reach out!

ATTRACTIONS PAGE



- Attractions gives more insights to what you can experience while you stay at our resort.

REGISTRATION PAGE

- Create an account here so you can sign in, make a booking, and lookup any existing booking.

Welcome to Moffat Bay Resorts

Create an Account

First Name:

Last Name:

Username (Email):

Phone Number (enter the -):

Age:

Password:

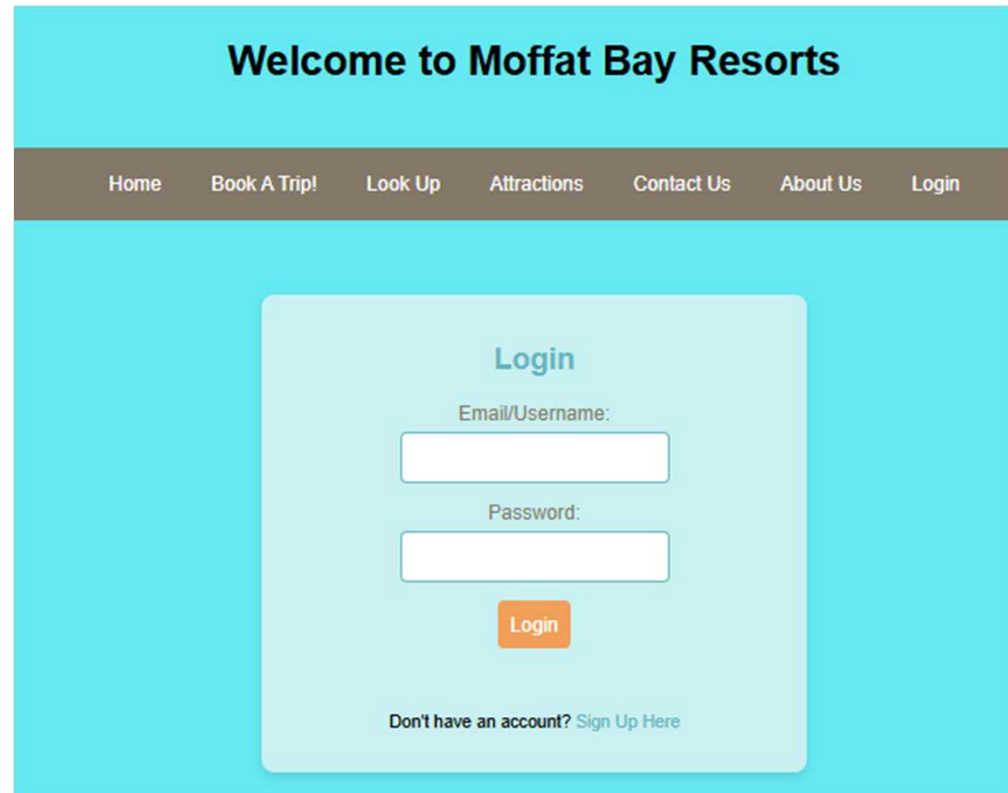
Confirm Password:

Register

Already have an account? [Login here](#)


LOGIN PAGE

- Login here to make a booking and see your existing bookings.



The image shows a web page mockup for 'Moffat Bay Resorts'. At the top, a light blue header contains the text 'Welcome to Moffat Bay Resorts'. Below this is a dark brown navigation bar with white links: 'Home', 'Book A Trip!', 'Look Up', 'Attractions', 'Contact Us', 'About Us', and 'Login'. The main content area has a light blue background. In the center is a white rounded rectangle containing the login form. The form has the title 'Login' in blue, followed by 'Email/Username:' and a text input field, then 'Password:' and another text input field. Below the fields is an orange 'Login' button. At the bottom of the form, it says 'Don't have an account? [Sign Up Here](#)'.

RESERVATION PAGE



Moffat Bay Resorts

[Home](#) [Book A Trip!](#) [Look Up](#) [Attractions](#) [Contact Us](#) [About Us](#) [Login](#)

Reserve Your Stay at Moffat Bay Resort

Remember, you must be logged in to reserve a stay.

Room Type:

Standard - 2 Full - \$120/night

Check-in Date:

mm/dd/yyyy

Check-out Date:

mm/dd/yyyy

Number of guests:

Request Reservation

[← Back to Home](#)

[→ Look up another reservation](#)

- Choose between 4 rooms (Standard, Deluxe, Formal and Presidential). A user-friendly drop-down calendar allows for easy choosing of dates.

LOOKUP RESERVATION & SUMMARY PAGE

Moffat Bay Resort

[Home](#)[Book A Trip!](#)[Look Up](#)[Attractions](#)[Contact Us](#)[About Us](#)[Login](#)

Look Up Reservation

Reservation Number:

Search

User email:

Search

Nothing to display.

Guest Name	Contact	Res. Num.	Check-In	Check-Out	Num. Guests
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- Look up your reservation here to see your reservation number along with the details about your booking. You can look it up either through a reservation number or your email. You will only be able to access reservations made under the current logged in email.

LESSONS LEARNED

- **Team Environment** – learning to work with each other, understand deadlines better, and overcoming obstacles
- **Communication** – working with each others' schedules, consistent routines and assignments of tasks and realistic goals and expectations of these tasks
- **Dependency** – learning to rely on others to complete certain tasks
- **Future Outlook** – this project has given better insights on what may be expected in a real-world job
- **Software Setup** – Admin errors when using software causing the program not to run properly > specific settings within eclipse itself
- **Time Management** – Work and School conflicts created some burdens and delays in certain completion timelines
- **Collaboration** – Group board in blackboard not as user friendly as Discord > switched early on to have better collaboration

THANK YOU

<https://github.com/JKBrown11/Moffat-Bay>

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