

# Website Project Report

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Software Development II  
December 5, 2023  
Professor Megan Bridge

## Website Overview

When assigned with the task to create a restaurant website, we collectively decided to code a React website based on the Krusty Krab from the Nickelodeon show Spongebob Squarepants. The problem that we are solving: the lack of a real life Krusty Krab. Basically, we wanted to create a more upscale version of the Krusty Krab with a website that includes the Homepage, Menus, About Us Page, and the ability for customers to make reservations.

With this website, we are trying to attract avid Spongebob Squarepants fans who have always wondered what eating at the real Krusty Krab might be like. These people would want to explore the website's Menus, look at photos of the restaurant, learn more about the employees and information about the restaurant, and make a reservation.

### User Stories:

- Add a navigation Header
  - As a user, I would like to open up the Landing page to a header with navigation tools at the top of the page that presents the restaurant to me
- Create a Landing/Open Page
  - As a user, I would like to open the website to see a main page that includes ways to view all important information, and includes general info and photos
- Create Menu Page
  - As a picky eater that has many allergens, I would like to know what is being served and if anything is made with specific products that may trigger a reaction.
- Create About Us Page
  - As a customer, I would like to be able to see information about location and hours, as well as information about employees.
- Add Online Reservation System
  - As a customer that prefers reservations prior to dining, I can schedule ahead through the website.

## Team Members

### The people involved:

- Shannon Maier - [Shannon.Maier1@marist.edu](mailto:Shannon.Maier1@marist.edu)
  - Create the Header and Footer Components
  - Create the Menu Page with the pdfs of the menus
- Connor Fleischman - [Connor.Fleischman1@marist.edu](mailto:Connor.Fleischman1@marist.edu)
  - Create the portion of the About Us Page that details the employee information

- Caroline Eagen - [Caroline.Eagen1@marist.edu](mailto:Caroline.Eagen1@marist.edu)
  - Create the portion of the About Us page that details the information about the restaurant (Hours, Location, etc)
- Kai Cottle - [Kai.Cottle1@marist.edu](mailto:Kai.Cottle1@marist.edu)
  - Create the Reservation Page with the ability to submit reservation information
- Olaf Madejski1 - [Olaf.Madejski1@marist.edu](mailto:Olaf.Madejski1@marist.edu)
  - Create the Homepage with images and a welcome message

Menu page finished with header me...

 Shannonmaier • 8 days ago

Footer component

 Shannonmaier • 15 days ago

creating Menu Screen Hero file

 Shannonmaier • 17 days ago

Editing App Function

 Shannonmaier • 17 days ago

Initial Commit with Header Code

 Shannonmaier • 17 days ago

Folders

 Shannonmaier • 17 days ago

Initialize project using Create React ...

 Shannonmaier • 19 days ago

## Reservation System Created

 Kai • 3 days ago

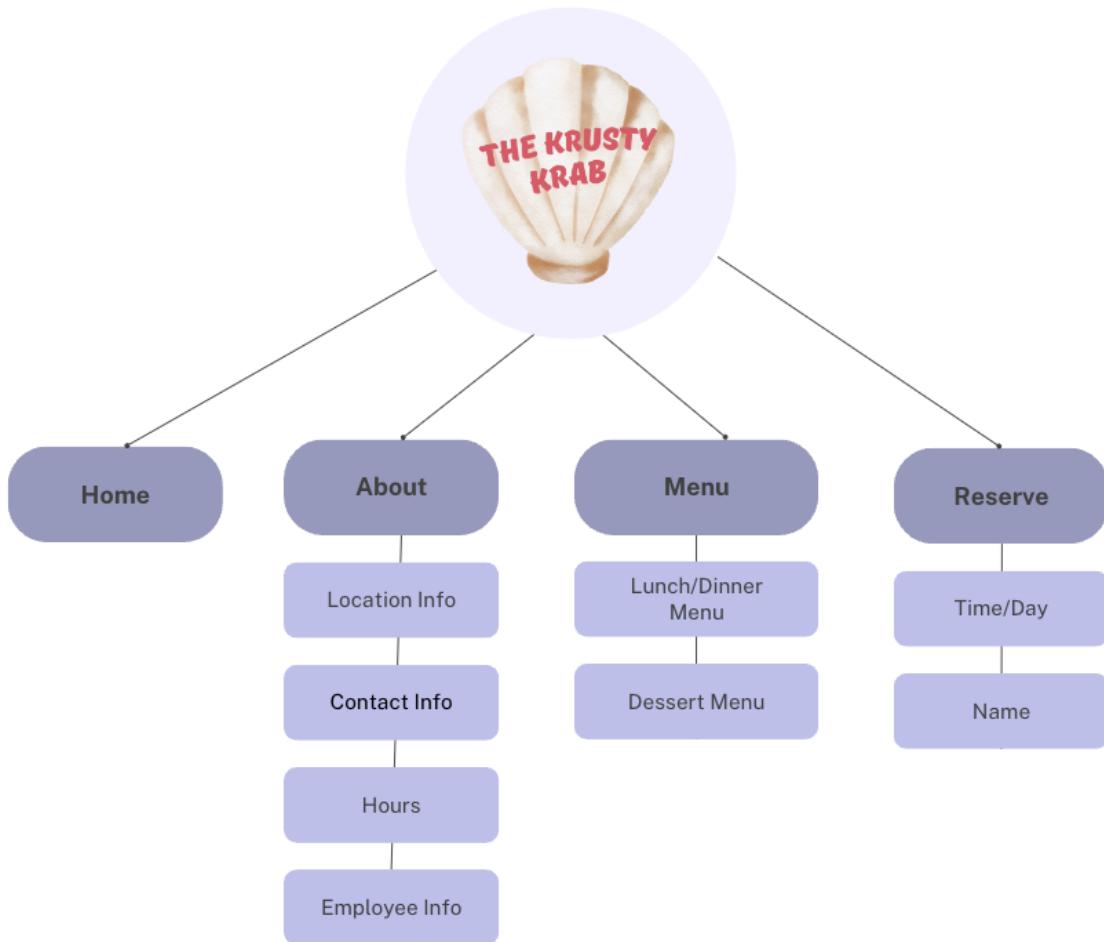
## Top of About Us Page

 Caroline Eagen • 19 hours ago

## Working 'AboutUs' page

 ConnorFleischman • yesterday

## Content Map



## Design - UX Specs

**Best Food in Bikini Bottom!**

**GIFTS** **THE KRUSTY KRAB MUSEUM** **SOUVENIRS**

**The Krusty Krab**

Come visit us today to have the best food in Bikini Bottom!!!

24 Conch Street, Bikini Bottom, Pacific Ocean 12345

**Pages**

- Home
- Menu
- About us
- Reservations

**718-224-5187**

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**Visit us**  
124 Conch Street,  
Bikini Bottom, Pacific Ocean 12345

**Contact Us**  
124 Conch Street,  
Bikini Bottom, Pacific Ocean 12345

**Our Hours:**

Sunday	Closed
Monday	Closed
Tuesday	11:00 - 8:00
Wednesday	11:00 - 8:00
Thursday	11:00 - 8:00
Friday	11:00 - 10:00
Saturday	11:00 - 10:00

**718-224-5187**

## Our People

**SpongeBob SquarePants**

**Head Chef**

**Eugene Krabs**

**Manager/Owner**

**Squidward Tentacles**

**Cashier**

**Connor Fleischman**

**Sous Chef**

**Shannon Maier**

**Head Waitress**

**Olaf Madejski**

**Security**

**Kai Cottle**

**Bartender**

**Caroline Eagen**

**Head Hostess**

**The Krusty Krab**

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## Design - Implementation

The Krusty Krab

LUNCH & DINNER

DESSERT

RESERVATIONS

718-224-5187

Come visit us today to have the best food in Bikini Bottom!!!

24 Conch Street,  
Bikini Bottom, Pacific  
Ocean 12345

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Book A Table

Can reserve a table for up to 8 people! Anything larger you should call for us to accommodate.

Date: 04/09/2021 Time: 06:30 PM

Name: Phone: Enter your name: 8-000-XXXX-XXXX

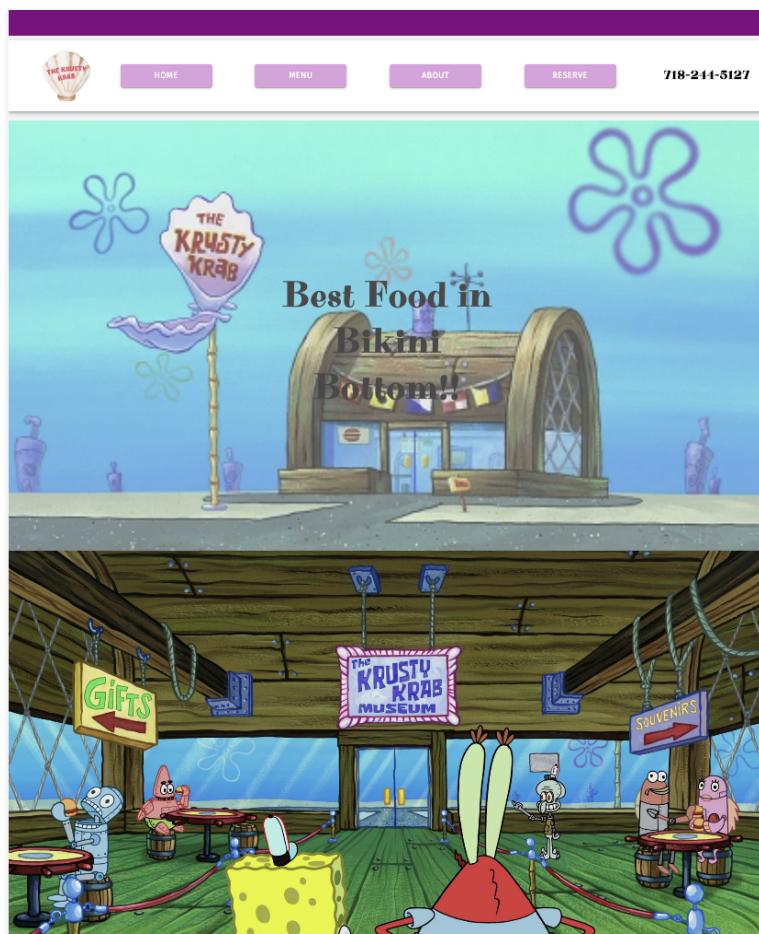
Total Person: 1 Person Book A Table

The Krusty Krab

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Bikini Bottom, Pacific  
Ocean 12345

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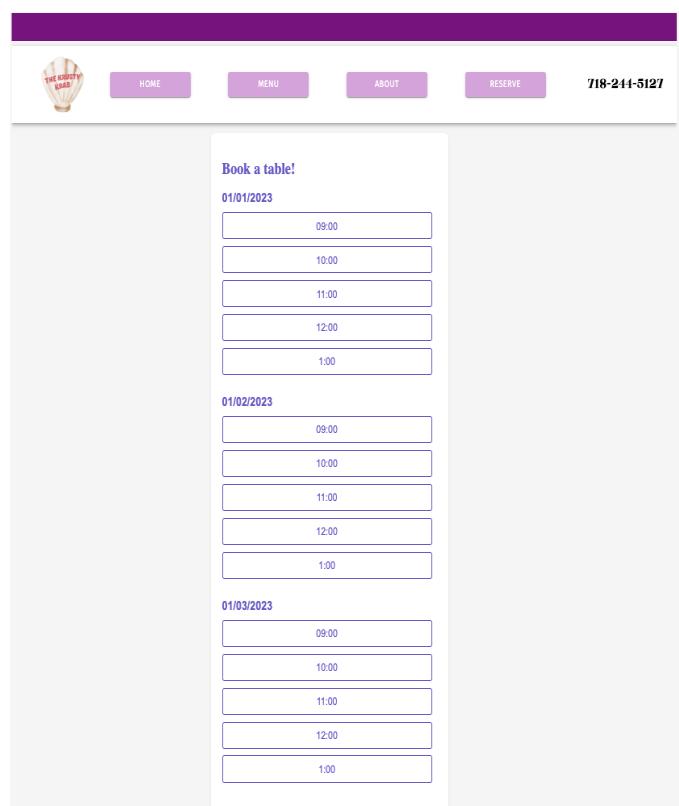
**The Krusty Krab**

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Bikini Bottom, Pacific Ocean 12345

**Pages**

- [HOME](#)
- [MENU](#)
- [ABOUT](#)
- [RESERVE](#)



**Book a table!**

01/01/2023

09:00
10:00
11:00
12:00
1:00

01/02/2023

09:00
10:00
11:00
12:00
1:00

01/03/2023

09:00
10:00
11:00
12:00
1:00

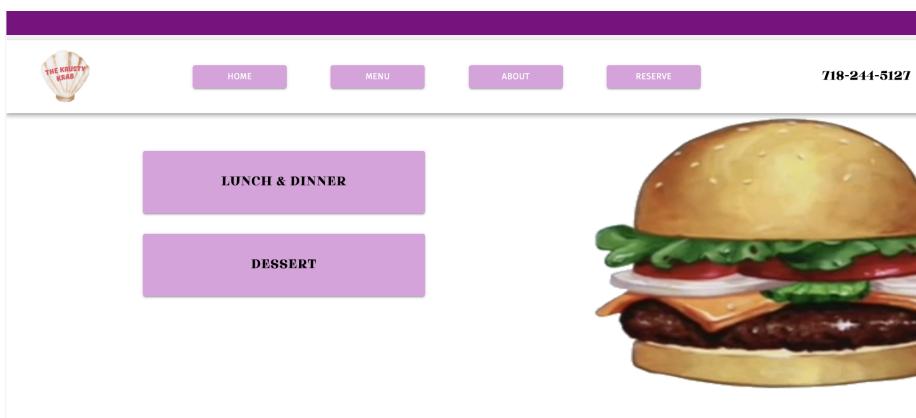
**The Krusty Krab**

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**Pages**

- [HOME](#)
- [MENU](#)
- [ABOUT](#)
- [RESERVE](#)



**LUNCH & DINNER**

**DESSERT**



**The Krusty Krab**

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124 Conch Street,  
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**Pages**

- [HOME](#)
- [MENU](#)
- [ABOUT](#)
- [RESERVE](#)

HOME MENU ABOUT RESERVES 718-211-5127

**Visit Us**  
124 Coach Street,  
Blow Bottom, Pacific Ocean 12345

**Contact Us**  
Phone: 718-224-5187  
Email: info@krustykrab.com  
Facebook: @krustykrab

**f t i**

**Hours:**  
Sunday: Closed  
Monday: Closed  
Tuesday: 10:00 - 8:00  
Wednesday: 10:00 - 8:00  
Thursday: 10:00 - 8:00  
Friday: 10:00 - 10:00  
Saturday: 10:00 - 10:00

**Our People**

SpongeBob SquarePants

Head Chef

Eugene Krabs

Dinner & General Manager

Squidward Tentacles

Cashier

Connor Fleischman

Head Chef

Shannon Maier

Head Wellness

Olaf Madejski

Chief of Security

Kai Cottle

Bartender

Caroline Eagen

Head Housekeeper

**The Krusty Krab**

Come visit us or order to have the best food in Blow Bottom.

124 Coach Street,  
Blow Bottom, Pacific Ocean 12345

Pages

HOME MENU ABOUT RESERVES

## **Functionality**

When a user opens our site they will be met with a homepage with photos and a welcome message. On this page (and every other page), there will be a navigation header and a footer that both also include general information about the restaurant. When the user moves to the About Us Page, they will find all information about the restaurant and the employees. The Menu page will allow the user to click on buttons to bring him or her to the Lunch/Dinner Menu or the Dessert Menu. The Reservation System will allow the customer to enter information about their reservations and submit it to us.

## **Browser Support**

The website has been tested and is supported by Chrome, Safari, and Firefox. The package.json file is written to support these browsers.

## **Repository**

- Github Repository Link: <https://github.com/Marist-CMPT221L-Fall2023/the-krusty-krab>

## **Conclusion**

While creating our website, we learned several new skills. Some of these include: React coding, using Material UI (our design system), and using Figma. The project has been a good way to not only teach new skills, but also make us better at the coding we already knew how to do, and help us use better practices when coding.

One of the main struggles we faced in our project was making sure that our installations would transfer to each other's computers through our git commits. At first the installations would not show up, but we figured out that we had to make sure the node\_modules folder was transferred and force some of the installations.