<center>**Project Title: Website for a dessert shop**</center>

1. Introduction
Briefly describe the key features of your project.
I have tried to incorporate as many bootstrap and CSS features with some JavaScript, in order to make this site responsive and enable a good customer experience. Below are some of the key features implemented

   Site Navigation:
- Used the nav bar components including nav toggler for a responsive design
- Breadcrumbs on all pages that link back to the home page
- Logo icon when clicked from any page, will take you to the home page
- All items in the navigation bar menu and the footer are linked to respective pages

   Site Footer:
- For the footer, used icon fonts with links that open in new tabs to social media
- The buttons on the footer were implemented using bootstrap button feature

   Home Page:
- The carousel and cards on the home page were used to make the page more interactive

   Menu Page:
- The menu page makes use of accordion, in which cards with bootstrap tables are embedded. The tables and the accordion are responsive.

   Contact Us Page:
- The contact us page has a feedback box with validations set for inputs, including acceptable formats for phone and email
- There is a button that allows users to upload multiple files as well
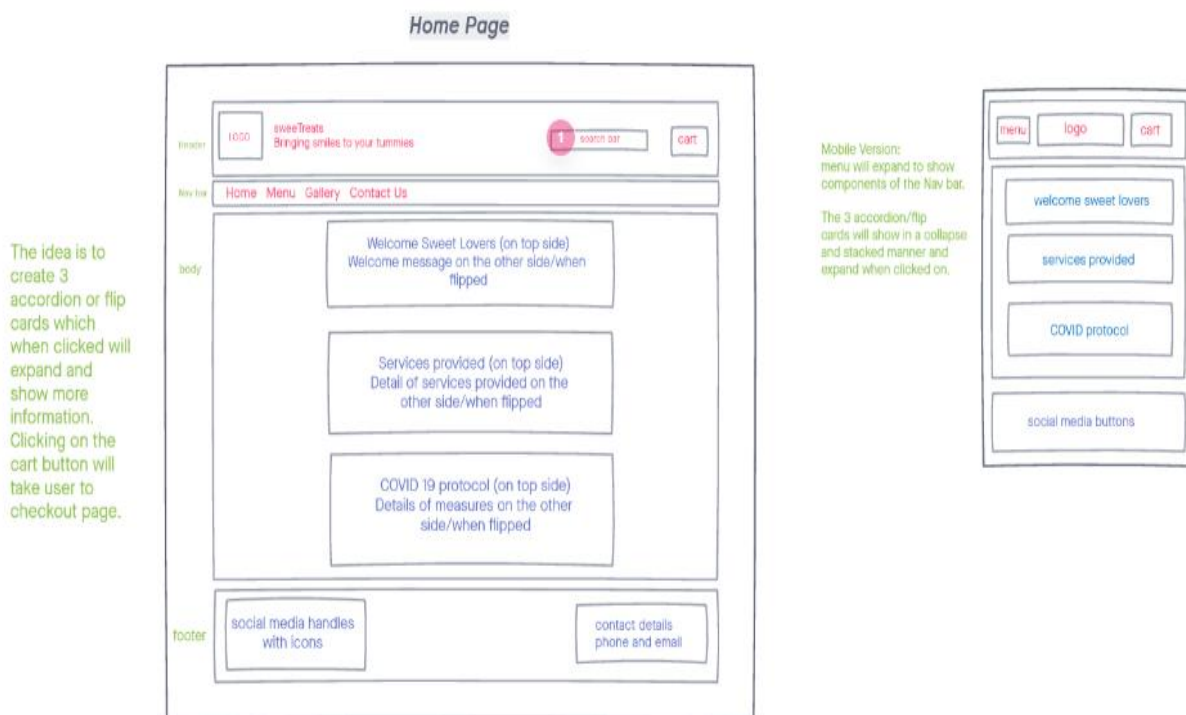
2. Design and Implementation
Give a detailed description of the design and implementation of your project. In particular, this section should contain: details of how you converted from design to the actual realization of your project in terms of implementing the code. Any choices that you made, and any modifications that you made to the design, in response to difficulties that you might have encountered while implementing the project. A brief discussion of various components that you used in implementing your project, and the reasons you chose them over alternatives. Include a few screenshots of your website in the report.
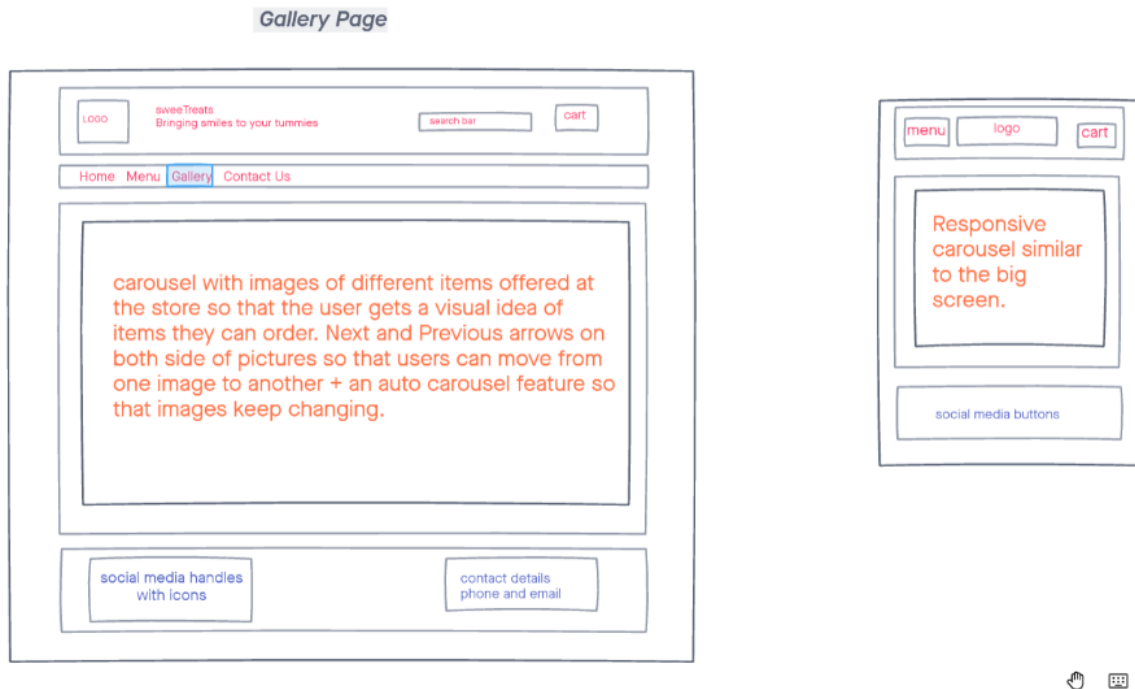
Below is the wireframe of what I envisioned my website to look like, initially. I have put screenshots of the actual site implemented based on the wireframes. My main goal was to make a responsive, user friendly ecommerce website for a dessert shop. Being new to coding, I based my project and developed the initial code with assistance from instructions on the NuCamp site that we worked on during class. I found myself referring to a lot of documentation through my google searches. I went to various websites and inspected the code to understand how to incorporate it in my own project. The initial hurdle I faced was to link the project to GitHub and to download node modules and Package.Json for the project. During the class, since the steps were laid out for us, I did not clearly understand how to use them in the project. As I worked through them for my portfolio project, with the assistance from my instructor, I had more clarification on their importance. I faced challenges throughout the project from getting features like the carousel, accordion, and tables to function correctly to simpler things like coding different buttons and icons. The responsiveness of the site was another big issue which I faced. I noticed that as I made changes

to my code, it occasionally impacted the way my site looked on an XS screen. Reading through documentation and google searches helped me to overcome these hurdles which was a good learning experience and provided me with lots of insights. My initial plan, as you can see below, was to make a shopping cart and a separate gallery. I also planned to make a menu that would allow adding items to the cart directly. My biggest enemy in my opinion was time! I did not have enough time to make a responsive cart, so I decided to make a static site instead with only information that the user needs. After discussing with my instructor, she educated me that the cart might be a better feature to add using react vs bootstrap. I decided to defer it till I learn react and I plan on updating my project later in time. I decided to move the gallery from a separate page to the home page instead. The menu was turning out to be a lengthy page with a lot of scrolling. To make it more user friendly, I decided to use the accordion method to concise it and divide it into categories. Also, to enable a better user experience I also made the email and phone buttons functional - when you click on the phone number, it attempts to make a call to the number. And clicking the email address opens the local outlook mailbox to compose and send an email. Below are screenshots of what my site looks like after all the changes in the XL and XS view ports. I added an extra About Us page and omitted the Checkout page and cart.

Wireframe: Home Page

Wireframe: Gallery Page

Gallery Page

LOGO | sweeTreats — Bringing smiles to your tummies | search bar | cart

Home Menu Gallery Contact Us

carousel with images of different items offered at the store so that the user gets a visual idea of items they can order. Next and Previous arrows on both side of pictures so that users can move from one image to another + an auto carousel feature so that images keep changing.

social media handles with icons

contact details phone and email

menu | logo | cart

Responsive carousel similar to the big screen.

social media buttons

Actual Site: Home Page (Desktop and Mobile View)

Wireframe: Menu Page

Actual Site: Menu Page (Desktop and Mobile view)

Wireframe: Contact Us/Feedback Page
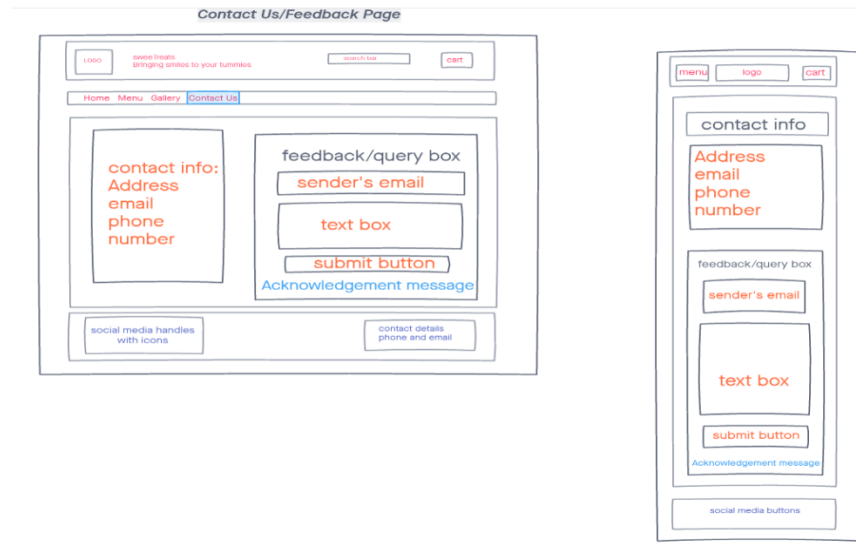
Actual Site: Contact Us Page (Desktop and Mobile View)

Actual Site: Feedback Page (Desktop and Mobile View)

3. Conclusions
Discuss what you personally learned from your project. Discuss the best features and the shortcomings of the project. Discuss any choices that you might have made differently, in hindsight after completing the project.
The best feature of my project, according to me is the menu. It incorporates card, accordion, and table all in one page. It is responsive and captures a lot of information without being too overwhelming for the user. I do not have a good handle on JavaScript, yet, and hard coding for every item with bootstrap was time consuming. If I could go back, I would try to incorporate more JavaScript in the project to save time with the actual data input and work on features instead. I also did not plan well the scope I could achieve in the given time frame of 2 weeks for coding. If I were

to have more time, I would add the cart and payment pages. This entire experience helped me to learn that a realistic timeframe and project prototype is important to establish for a successful project. It also taught me that coding is an evolving process and changes need to be made continually to achieve the outcome you desire. I had my husband assist me with the development of the wireframe so that I could simulate the environment of gathering actual client requirements. He had some requirements that he wanted me to include in the wireframe. It helped me to communicate better with him and work around his needs to get the desired output which I think is very important while working with a client. The most important thing I learned from this project is that it is ok not to know everything. There are answers out there and you just need to be smart enough to find them! Overall, this project helped me to understand all the concepts we learned in class and put them to practice. It aided me in getting a deeper understanding of the different coding tools because I personally learn by doing. I have always understood the content in class, however, I always doubted if I had it in me to do something from scratch. This project helped to reinforce that I can create a site from the ground up without being challenged through every step.