

umaicookies.nola

Team Members

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umaicookies

Project Proposal and Specifications

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Project Proposal (Part 1 & 2)

➤ Idea

Our team has decided to create a restaurant web application, which will be for users who want to find out more about “umaicookies.nola”, a cookie business that operates in New Orleans and Baton Rouge. This cookie business specializes in lactation cookies, which are nutrient-rich for people who produce breast milk.

➤ Abstract

1. **Audience and Stakeholders:**

Our app "Umai Cookies" will be a web application that allows users to look at many visualizations of the cookies to order, look at the services the business has to offer, and get in contact with the business to place orders. Our target audience for this app will be customers of "umaicookies.nola" who want to order from the business. Another stakeholder of this web application will be users who want to learn more and browse through the web application to learn about the business and thus may increase the chances of the users becoming potential customers in the future.

2. **Features:**

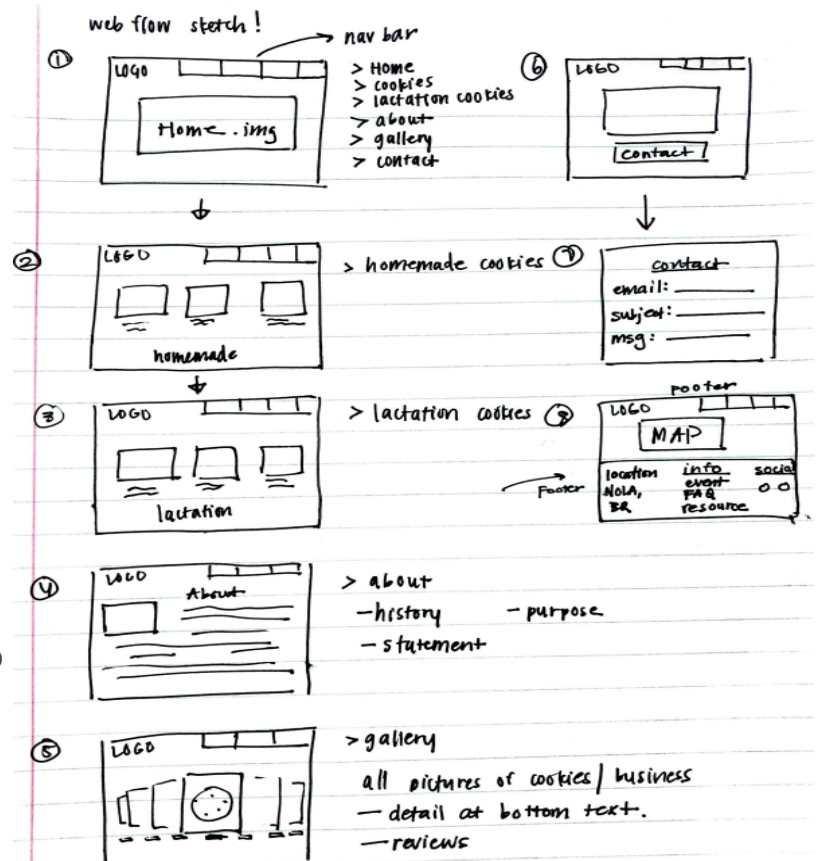
There will be a navbar that on click will take you to any section of the page. The indexes of the navbar will consist of the home page, a menu page, an about page, a showcase page, and a contact/order page. There will be clear communication of buttons that will allow for a dynamic and visually appealing app. To make this possible, we will use HTML, CSS, and Javascript for our frontend. For our backend, we will use Javascript. Lastly, for our database we will use MongoDB to store information such as menu items and order details.

Project Specifications (Part 2)

User Stories

1. Flow of the app

- single page web application
- navbar with different indexes and drop-down menus to direct themselves to a certain section of the web application
- button on hover effects to allow users to find their way throughout the app and make decisions



2. Users

- browse pictures of cookie gallery
- order the cookies of their choice
- get in contact with the business
- learn about the services the umaicookies has to offer

3. Key features

- implement an ideal UX/UI based design to draw in customers

- easy navigation throughout the single paged application
- ensure that the application is highly accessible for all users with different input modes(mobile friendliness), visual needs, and auditory needs, etc.
- search bar to find content within web application
- implement web payment(if time permits)

Features

1. **Frontend**

- User general view
- User's will be able to see the general view of the website
- Greeted with the main logo on the corner of the front page, main photo in the home page, navbar with special drop down menus on hover, and a single page application.
- Navbar provides for easy access throughout the single page application. Clicking on each index will allow for the user to navigate automatically to a section of their page.
- A showcase carousel that highlights special/popular cookies.
- Gallery that includes all the photos of the cookies
- Footer that allows for information like social media links, locations, contacts, FAQ, and resources for mothers who want to know more about their health.

2. **Backend**

- Server will be responsible for managing the cart

- We will be using basic CRUD operations to make those changes in the cart and keep track of the edits they make to their order

3. Database

- We will use MongoDB to store all the data of the customers' orders. For example the cart with one item can store as follows: {id: objectid, quantity: x }
 - Id represents the order item for the cookie they have ordered
 - Quantity represents the number chosen for each order item