

Important: A client, [Good Harvest Bakery](#), will be used throughout this sample submission. You may NOT use the Good Harvest Bakery client for your project.

For the Touchstone Tasks and final Touchstone, you must select one of the three approved clients from the list provided in [Client Scenario and Criteria](#) - Bloom Valley Nursery, ABC Fitness Studio, or Book Haven Bookstore.

Intro to Web Dev Final Report Sample

Directions: Follow the directions according to the Touchstone Instructions document. Include your responses for all the sections listed under the Directions section. Remember to review the Touchstone instruction page for entry requirements and grading specifics.

Name: Sophia Student

Date: 9/2024

Final Program Share Link from the IDE:

<https://stackblitz.com/@SophiaStudent/WebDev#index.html>

*****Functional links will not be shared with the learners in the final report sample file and are for representational examples only.**

Introduction

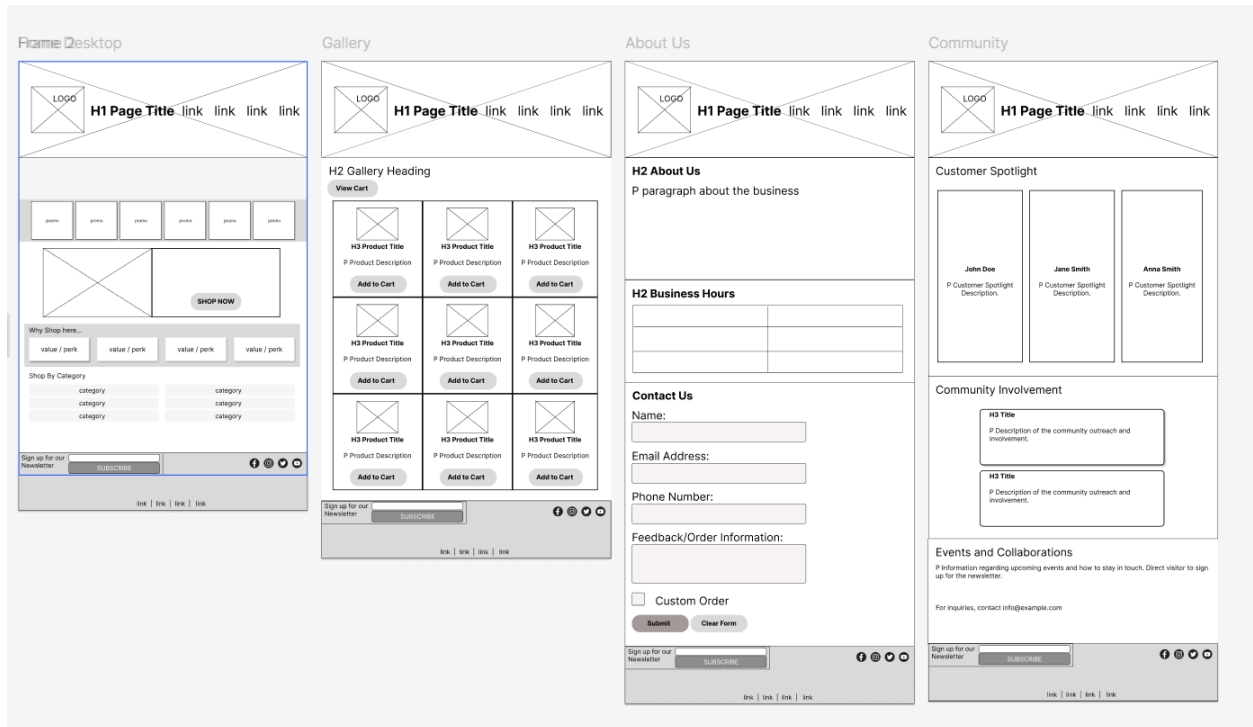
Client Name: Good Harvest Bakery

This report summarizes the design, structure, and functionalities of the website created for the Good Harvest Bakery. The website creates a digital reflection of the bakery and not only elevates its online visibility but also establishes a connection with its target audience. The website design choices reflect the client's style and theme while embodying the bakery's commitment to sustainability, creativity, and wholesome goodness.

- **Color palette and logo choice:** Color Palette 1 was selected as the color palette for the website. The chosen color palette thoughtfully reflects the essence of the Good Harvest Bakery's brand. The deep teal (Midnight Harvest #013C4A) radiates sophistication and complements the bakery's commitment to creativity and natural goodness. The sea green (Samba Sage #49B8A5) adds a refreshing and calming element, reinforcing the bakery's dedication to providing fresh, high-quality products. Pure white (#FFFFFF) signifies cleanliness and simplicity, enhancing the overall aesthetic and aligning with the brand's commitment to wholesomeness. The peachy pink (Apricot Blush #FBD6CE) and goldenrod yellow (Sunlit Wheat #E7A827) bring warmth and positivity, creating an inviting atmosphere that resonates with the bakery's goal of being a friendly and wholesome choice for breakfast and lunch. Logo 1 with deep teal (Midnight Harvest #013C4A) was selected as the logo, as it works well with the other colors in the palette and provides a sophisticated outlook for the brand of the client.
- **Font color choice:** Font Color 2 was selected as the color for the fonts of the website. The choice of #002023 as the font color seamlessly aligns with the Good Harvest Bakery's theme of natural goodness and sustainability. Its deep, almost black hue complements the palette, adding a touch of sophistication and elegance to the overall design. This font color harmonizes seamlessly with the selected palette, enhancing readability and contributing to a cohesive representation of the bakery's commitment to fresh, wholesome quality.
- **Typography choice:** Typography Option 2 was selected as the typography for the website. The chosen typography for the Good Harvest Bakery's website strikes a careful balance between readability and visual appeal. Incorporating Arial Bold and Calibri fonts in various sizes caters to different content elements, offering a clean, modern, and consistent look throughout the site. This selection ensures clarity in conveying information and aligns seamlessly with the bakery's commitment to simplicity and a wholesome aesthetic. Additionally, Comfortaa for subtitles adds a touch of warmth, enhancing the overall inviting atmosphere of the website. The typography choices collectively contribute to a visually cohesive and user-friendly design that resonates with the bakery's brand identity.

Wireframes

Wireframes for the webpages for desktop and mobile platforms were created. The following are the screenshots of the wireframes, first desktop then mobile.



Popup M...

link
link
link
link

Home

LOGO

H1 Heading
Page Title

H2 Heading
paragraph text

promo

promo

promo

Why shop here...

value / perk

value / perk

value / perk

Shop by Category

category

category

category

category

category

Sign up for our Newsletter

SUBSCRIBE

link | link | link

Gallery

LOGO

H1 Heading
Page Title

H2 Gallery Heading

View Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

H3 Product Title
P Product Description
Add to Cart

Sign up for our Newsletter

SUBSCRIBE

link | link | link

About Us

LOGO

H1 Heading
Page Title

H2 About Us
P paragraph about the business

H2 Community Involvement

Contact Us

Name:

Email Address:

Phone Number:

Feedback/Order Information:

☐ Custom Order

Submit

Clear Form

Sign up for our Newsletter

SUBSCRIBE

link | link | link

Community

LOGO

H1 Heading
Page Title

H2 Customer Spotlight

John Doe
P Customer Spotlight Description.

Jane Smith
P Customer Spotlight Description.

Anna Smith
P Customer Spotlight Description.

H2 Community Involvement

H3 Title
P Description of the community outreach and involvement.

Frame

H3 Title
P Description of the community outreach and involvement.

Events and Collaborations

P Information regarding upcoming events and how to stay in touch. Direct visitor to sign up for the newsletter.

For inquiries, contact info@sample.com

Sign up for our Newsletter

SUBSCRIBE

link | link | link

Website Structure and Content

The website consists of four unique webpages, namely the Homepage, Gallery page, About page, and Community Corner page. Each webpage consists of a header and a footer section.

- The header section contains the client logo on the left, the webpage title in the middle, and a horizontal navigation bar on the right. The navigation bar contains links to the other webpages.
- The footer section contains a subscribe-to-newsletter feature, social media links, and a horizontal navigation bar. The navigation bar contains links to the other webpages similar to the header section.

The following is the description of the contents of each webpage:

Home Page: <https://stackblitz.com/@SophiaStudent/home.html> (URL does not function in sample)

The home page contains 5 sections.

- The first section contains a general overview of the bakery.
- The next two sections display promo offers for the bakery and sample product images.
- The final two sections provide information about shopping perks for the bakery and the different categories of items sold in the bakery.

Gallery Page: <https://stackblitz.com/@SophiaStudent/gallery.html> (URL does not function in sample)

The Gallery page contains a table of different items sold in the bakery with options to add items to the shopping cart.

- Each of the items includes the item image and a brief description.
- The Gallery page also has the option to view the shopping cart which displays the list of currently added items to the shopping cart.

About Us Page: <https://stackblitz.com/@SophiaStudent/aboutus.html> (URL does not function in sample)

The About Us page contains two main sections.

- The first section displays general information about the bakery including the business hours.
- The page also includes a Contact Us form where the users can enter their information and submit feedback/custom order information.

Community Corner Page: <https://stackblitz.com/@SophiaStudent/page4.html> (URL does not function in sample)

The Community Corner page has three sections.

- The first section focuses on the customer spotlight with customer testimonials.
- The second section focuses on community involvement.
- The third section includes information about local events and community involvement opportunities.

Website Design and Styling

The website design and styling follow the style and theme of the client. The colors selected for different sections and components of the webpages conform to the selected color palette, and the fonts applied follow the typography choice. The following describes the design and styling of the header and footer sections of the website.

- The header section has the logo positioned to the left, where the logo is designed as a clickable link that redirects to the Homepage if clicked. The title of the webpages is positioned at the center of the header, and the horizontal navigation bar is positioned at the right corner of the header. A hover effect is applied to the top navigation bar buttons that change color if the buttons are hovered over.
- The left part of the footer contains an input field for email input from the user for the subscribe-to-newsletter feature, which includes a “Subscribe” button with a hover effect. The right part of the footer contains social media buttons, and a horizontal navigation bar is placed at the bottom of the footer.
- The background color for the header and footer is styled with the peachy pink (Apricot Blush #FBD6CE) color to add a warm and inviting touch to the header and footer, creating a friendly atmosphere. This color evokes a sense of sweetness and aligns well with the bakery theme.
- The logo, title of the webpages, and top navigation bar items use the deep teal (Midnight Harvest #013C4A) color, which adds a touch of elegance to the design while maintaining readability for text elements. The color aligns with the client’s focus on creativity and fresh, natural goodness.
- The hover effects for the top navigation bar in the header and the “Subscribe” button in the footer use the sea green (Samba Sage #49B8A5) color, which incorporates a refreshing and calming element to the website. It symbolizes freshness and is reminiscent of natural elements, reinforcing the bakery’s commitment to providing fresh, high-quality products. The hover effect for the navigation bar in the footer displays the webpage links as underlined links.

The following are different styles incorporated in the webpages:

Homepage:

- The promo section is organized as a bordered box, where each box takes one third of the width of the webpage. The background color for the promo boxes is styled with the deep teal (Midnight Harvest #013C4A) color.

- The two item images are organized horizontally, each taking half of the width of the webpage.
- The shopping perk section is styled as bordered boxes, where the section background color is set as the goldenrod yellow (Sunlit Wheat #E7A827) color to add a pop of energy and to draw attention to the content.
- The shopping categories are organized as a list containing two columns.

Gallery Page:

- Nine item images are displayed as a 3x3 table.
- Each cell in the 3x3 table has the following items:
 - Item image, item name, and description in the center
 - An “Add to Cart” button with a hover styling added to it
- A “View Cart” button is at the top left of the page.
- The shopping cart window is designed as a modal window that lists the items added to the cart:
 - The window is hidden by default but becomes visible when the “View Cart” button is clicked.
 - The modal window has a white background and contains the two buttons “Clear Cart” and “Process Order.” All the buttons have similar hover styling to the “Subscribe” button. The modal window also has an “X” icon at the top right.

About Us Page:

- The business hours are displayed as a bordered table that covers the width of the page.
- The content in the table is positioned at the center.
- The Contact Us form contains input fields for the customer’s name, email, address, phone number, and feedback/customer order information. There is also a checkbox for custom orders.
- The form has “Submit” and “Clear Form” buttons that have a hover effect added to them. The “Clear Form” button is colored differently (#777777) than the “Submit” button.

Community Page:

- The customer spotlight contents are organized as bordered boxes, where each box contains the customer testimonials. The community involvement section is also styled the same way.
- Each bordered box in the customer spotlight section contains customer testimonials. The background color of this section is set as goldenrod yellow (Sunlit Wheat #E7A827).
- The community involvement section contents are organized as bordered boxes, where the background color of the boxes is styled as deep teal (Midnight Harvest #013C4A). Each bordered box contains the event name and descriptions.

Accessibility:

To provide an accessible experience to the user, all the colors applied to the website have been tested to be color-blind safe using this website: <https://color.adobe.com/create/color->

[accessibility](#). To receive full credit, you will need to include at least two additional rationales for accessibility. Refer to Tutorial 2.4.5 for accessibility best practices and accessibility testing.

Responsive Web Design:

To make the website design responsive, the viewport would need to be set. In the webpage <head> tag, the meta tag defines the settings for the viewport. For the content, the width of the viewport is set to the width of the device. This is particularly important for responsive web design, as it ensures that the width of the page matches the width of the device, which is crucial for proper rendering on various screen sizes. The initial scale value is used to set the initial zoom level when the page is first loaded. A value of 1.0 means that the page is displayed at its original size without any zooming.

To receive full credit, you will need to include at least two additional RWD elements and rationales. Refer to Tutorials 2.4.6 and 2.4.7 for RWD.

Website Functionality

The website is designed to be a dynamic and interactive website. It has several interactive features and functionalities as follows:

Navigation Bar: The website has an interactive navigation bar both at the header and footer section, that can redirect the user to other pages of the website.

Subscribe Feature: The footer section of each page has a subscribe feature that inputs the customer email from the user. If the user enters the email and clicks the button, an alert window is displayed to show the message “Thank you for subscribing”.

Add-to-cart Feature: The gallery page has the add-to-cart feature where if the user clicks the add-to-cart button for an item, that item will be added to the shopping cart.

View Cart Feature: The view-cart feature opens a modal window that displays the currently added items to the shopping cart. Inside the modal window, the user can either process orders or clear the cart items. If the user decides to process the order, then an alert window will be displayed with the message “Thank you for your order!”. Otherwise, if the user decides to clear the cart, then the alert window will display the message “Cart is cleared!”.

Contact Us Feature: On the About Us webpage, the user can input their name, email address, phone number, and feedback/custom order information in the form. If the ‘submit’ button is clicked, then an alert window will display the message “Thank you for your message” including the username. Otherwise, the clear form button will clear the form entries.

Web Data Storage

The website utilizes web data storage and incorporates both sessionStorage and localStorage in the webpages as follows:

Shopping Cart Feature:

- Every time the “Add to Cart” button is clicked for an item on the Gallery page, the item is added to the sessionStorage.
- The “View Cart” feature checks for all the entries in the sessionStorage and displays the information of all the items in the sessionStorage in the modal window.
- The “Clear Cart” and “Process Order” features remove the entries from the sessionStorage.

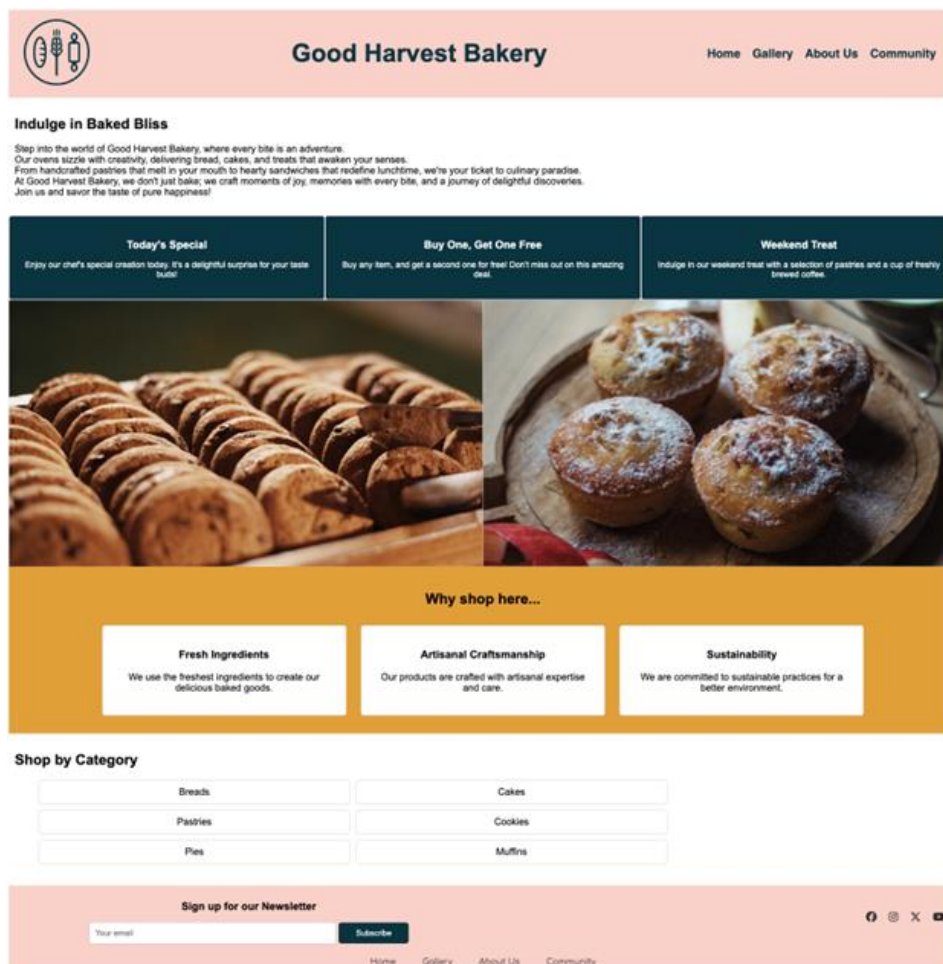
Contact Us Feature: When the “Submit” button is clicked for the Contact Us form on the About Us webpage, an object is created with the submitted information containing the username, email address, phone number, and feedback/custom order information. That object is then saved in the localStorage.

Customization

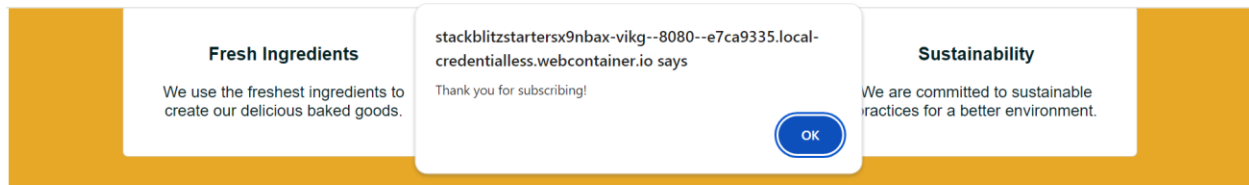
The Community Corner page is a valuable addition to the bakery website, serving as an extension of the Homepage, Gallery page, and Contact Us page. While the Homepage introduces the bakery, the Gallery page showcases its offerings, and the Contact Us page facilitates communication, the Community Corner page establishes a deeper connection. It highlights customer experiences, creates a sense of community and trust, and provides insights into the bakery's involvement in local activities and events, emphasizing shared values and collaborations. This page contributes to the overall narrative, reinforcing the bakery's identity as not just a business but also a valued community member.

Screenshots of Rendered Web pages

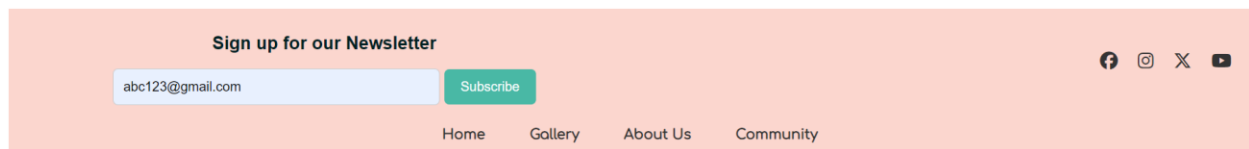
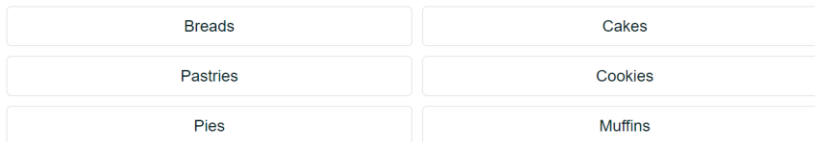
<Include the screenshot(s) for the Homepage>



Subscribe feature:




Shop by Category



Subscribe feature input validation:



<Include the screenshot(s) for the Gallery page>




Gallery

[Home](#) [Gallery](#) [About Us](#) [Community](#)

Choose from our delicious offerings...


[View Cart](#)



Pie

Indulge your senses in a symphony of flavors with our exquisite pies. Each slice is a masterpiece of flaky, buttery crust embracing luscious, handcrafted fillings.


[Add to Cart](#)



Baguette

Savor the authentic taste of France with our artisanal baguettes, freshly baked for a crisp golden crust and soft, airy interior.


[Add to Cart](#)



Sourdough Bread

Experience the tangy perfection of our artisanal sourdough bread, crafted with care for a robust flavor, chewy texture, and wholesome goodness.


[Add to Cart](#)



Quiche

Indulge in gourmet elegance with our delectable quiches, each bite a harmonious blend of flaky crust, creamy filling, and rich, flavorful ingredients.


[Add to Cart](#)



Doughnuts

Embark on a journey of sweet euphoria with our doughnuts. Delight in the perfect balance of softness and crisp exterior, adorned with glazes and toppings.


[Add to Cart](#)



Apple Muffin

Indulge in a burst of flavor with our apple muffins, a fusion of moist, cinnamon-spiced goodness and tender apple chunks, a delightful treat for your taste buds.


[Add to Cart](#)



Chocolate Chip Cookie

Experience the bliss of indulgence with our chocolate chip cookies, where every bite is a symphony of rich, melty chocolate and buttery perfection.


[Add to Cart](#)



Tiramisu

Transport your taste buds to Italy with our tiramisu, a creation of coffee-soaked ladyfingers layered with velvety mascarpone, crowned with a dusting of cocoa.

[Add to Cart](#)



Bundt Cake

Discover the epitome of indulgence with our Bundt Cakes. Each creation is a testament to elegance, featuring moist and flavorful cake in intricate designs.

[Add to Cart](#)

Sign up for our Newsletter


[Subscribe](#)

[f](#) [@](#) [X](#) [v](#)

[Home](#) [Gallery](#) [About Us](#) [Community](#)


Shopping cart feature:

Add Item:



Choose from our delicious offerings


View Cart



Pie

Indulge your senses in a symphony of flavors with our exquisite pies. Each slice is a masterpiece of flaky, buttery crust embracing luscious, handcrafted fillings.


Add to Cart



Baguette

Savor the authentic taste of France with our artisanal baguettes, freshly baked for a crisp golden crust and soft, airy interior.

Add to Cart



Sourdough Bread

Experience the tangy perfection of our artisanal sourdough bread, crafted with care for a robust flavor, chewy texture, and wholesome goodness.

Add to Cart

stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io says
Item added to the cart: Pie
OK

View Cart (after adding an item):

Choose from our delicious offerings...

Your Cart

• Pie

Clear Cart

Process Order

Pie

Indulge your senses in a symphony of flavors with our

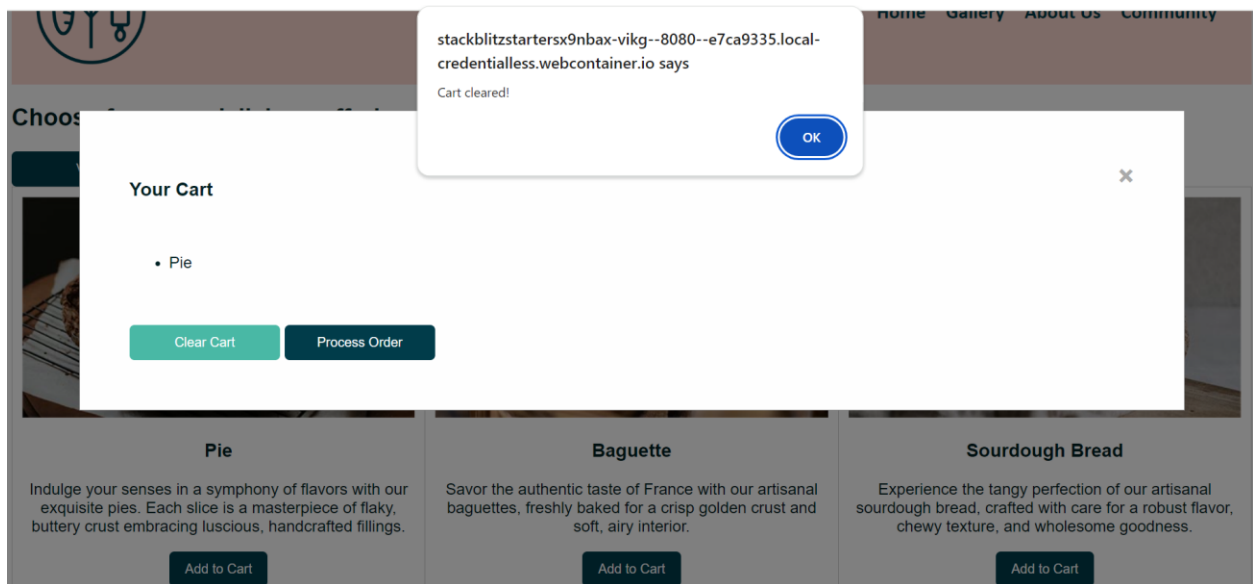
Baguette

Savor the authentic taste of France with our artisanal

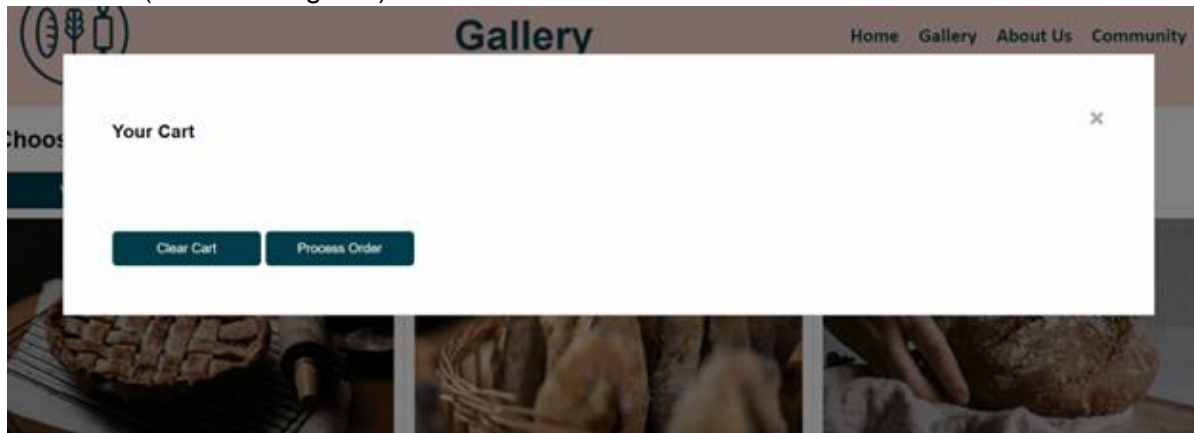
Sourdough Bread

Experience the tangy perfection of our artisanal

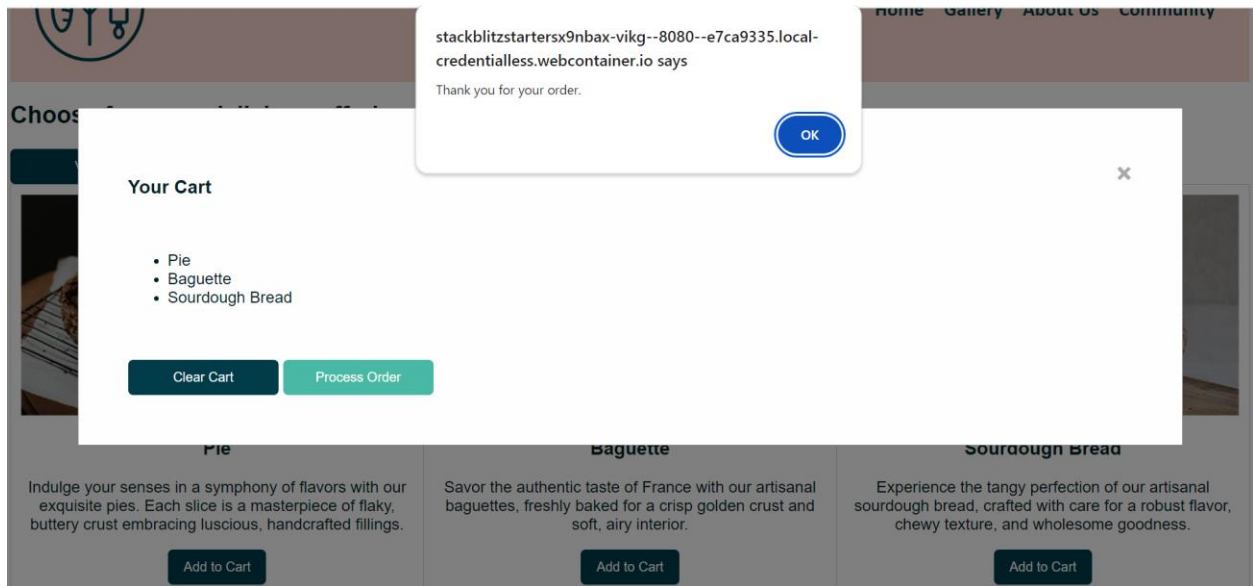
Clear Cart:



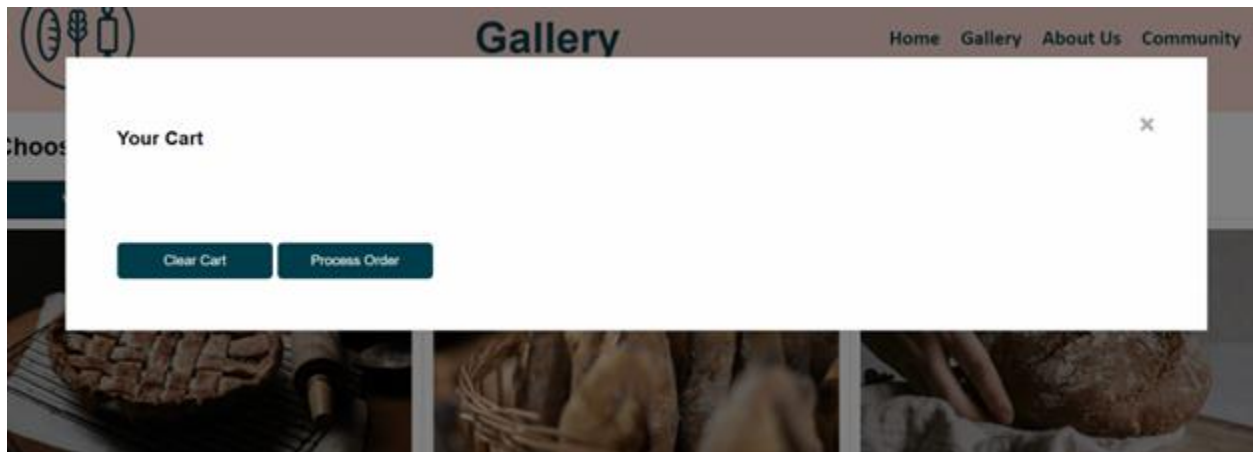
View Cart (after clearing cart):



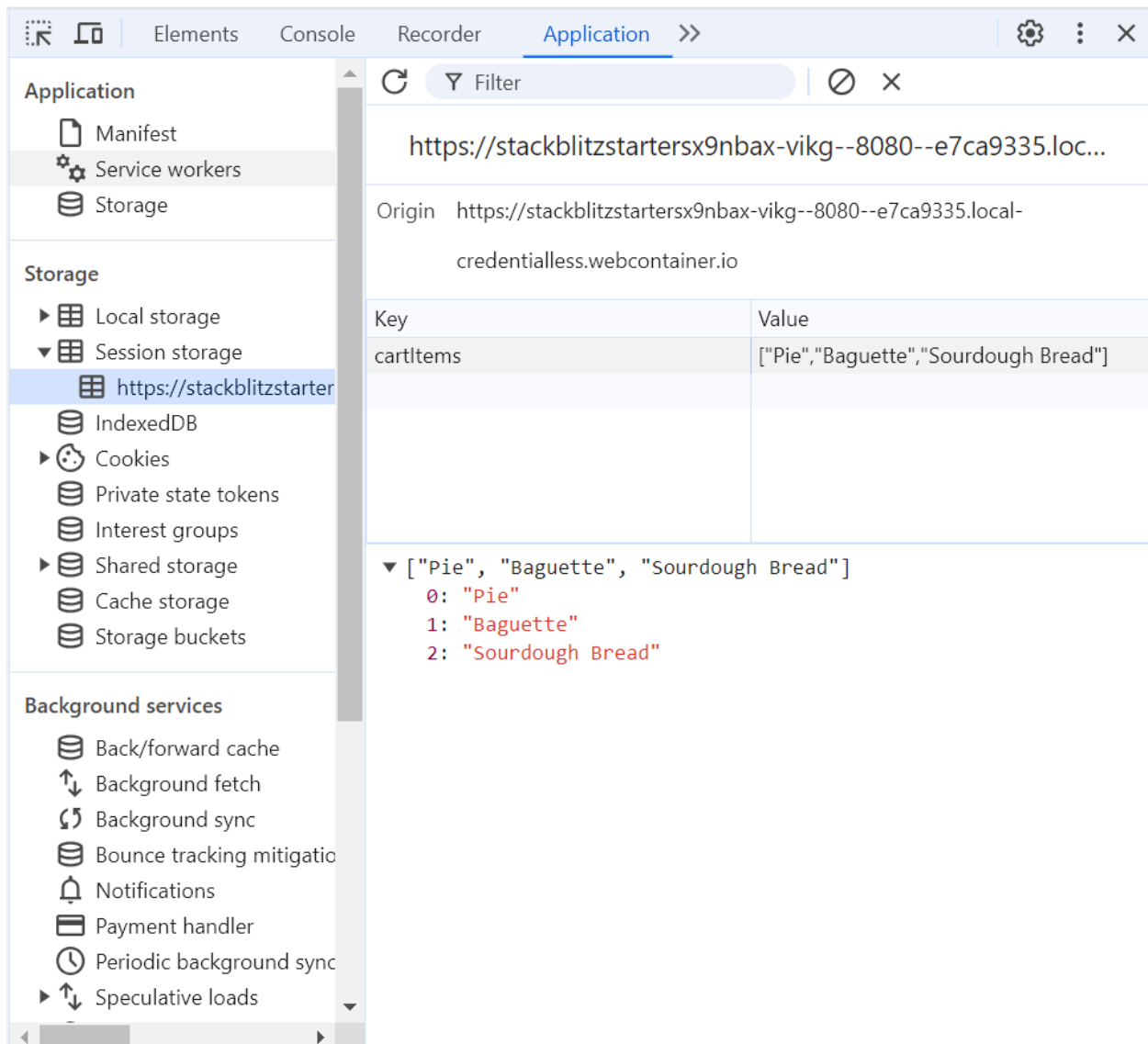
Process Order:



View Cart (after processing order):



SessionStorage (before processing order):



The screenshot shows the Chrome DevTools Application tab. The left sidebar is expanded to 'Storage' > 'Session storage', showing a single storage area for the URL 'https://stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io'. The main panel displays the 'Origin' and a table of stored items. The table has two columns: 'Key' and 'Value'. One item is listed with the key 'cartItems' and the value ['Pie', 'Baguette', 'Sourdough Bread']. Below the table, the array is expanded, showing the individual items: 0: 'Pie', 1: 'Baguette', and 2: 'Sourdough Bread'.

Application

- Manifest
- Service workers
- Storage

Storage

- Local storage
- Session storage
- https://stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io
- IndexedDB
- Cookies
- Private state tokens
- Interest groups
- Shared storage
- Cache storage
- Storage buckets

Background services

- Back/forward cache
- Background fetch
- Background sync
- Bounce tracking mitigation
- Notifications
- Payment handler
- Periodic background sync
- Speculative loads

Origin https://stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io

Key	Value
cartItems	["Pie", "Baguette", "Sourdough Bread"]

▼ ["Pie", "Baguette", "Sourdough Bread"]

- 0: "Pie"
- 1: "Baguette"
- 2: "Sourdough Bread"


SessionStorage (after processing order):

The screenshot shows the Chrome DevTools Application tab. The left sidebar is expanded to 'Storage' > 'Session storage'. A specific origin is selected: 'https://stackblitzstartersx9nbax-vikg--8080--28a8ce1b.local-credentialless.webcontainer.io'. The main panel displays a table with 'Key' and 'Value' columns, which is currently empty. Below the table, the text 'Select a value to preview' is visible.

Key	Value
-----	-------

Select a value to preview

<Include the screenshot(s) for the About Us page>



About Us

[Home](#) [Gallery](#) [About Us](#) [Community](#)

About Us

We embarked on our journey as the Good Harvest Bakery, an artisanal bakehouse nestled in the heart of our town. Our ovens have been humming with delight for less than a year, and we're here to redefine the art of baking.

Our story is one of passion, sustainability, and creativity. We blend the finest ingredients to create a symphony of flavors that will tantalize your taste buds. From heavenly bread to delectable cakes, our creations are a culinary celebration.

We're more than a bakery; we're a welcoming haven where the aroma of fresh-baked goodness wafts through the air. Our mission is to be the wholesome alternative for breakfast and lunch seekers in our vibrant downtown community.

Business Hours

Monday - Friday	6:00 AM - 6:00 PM
Saturday	Closed
Sunday	8:00 AM - 8:00 PM

Contact Us

Name:





Email Address:

Phone Number:

Feedback/Order Information:

☐ Custom Order

Sign up for our Newsletter

[Home](#) [Gallery](#) [About Us](#) [Community](#)

Contact Us form:

Contact Us

Name:
John Doe

Email Address:
abc123@gmail.com

Phone Number:
1234567890

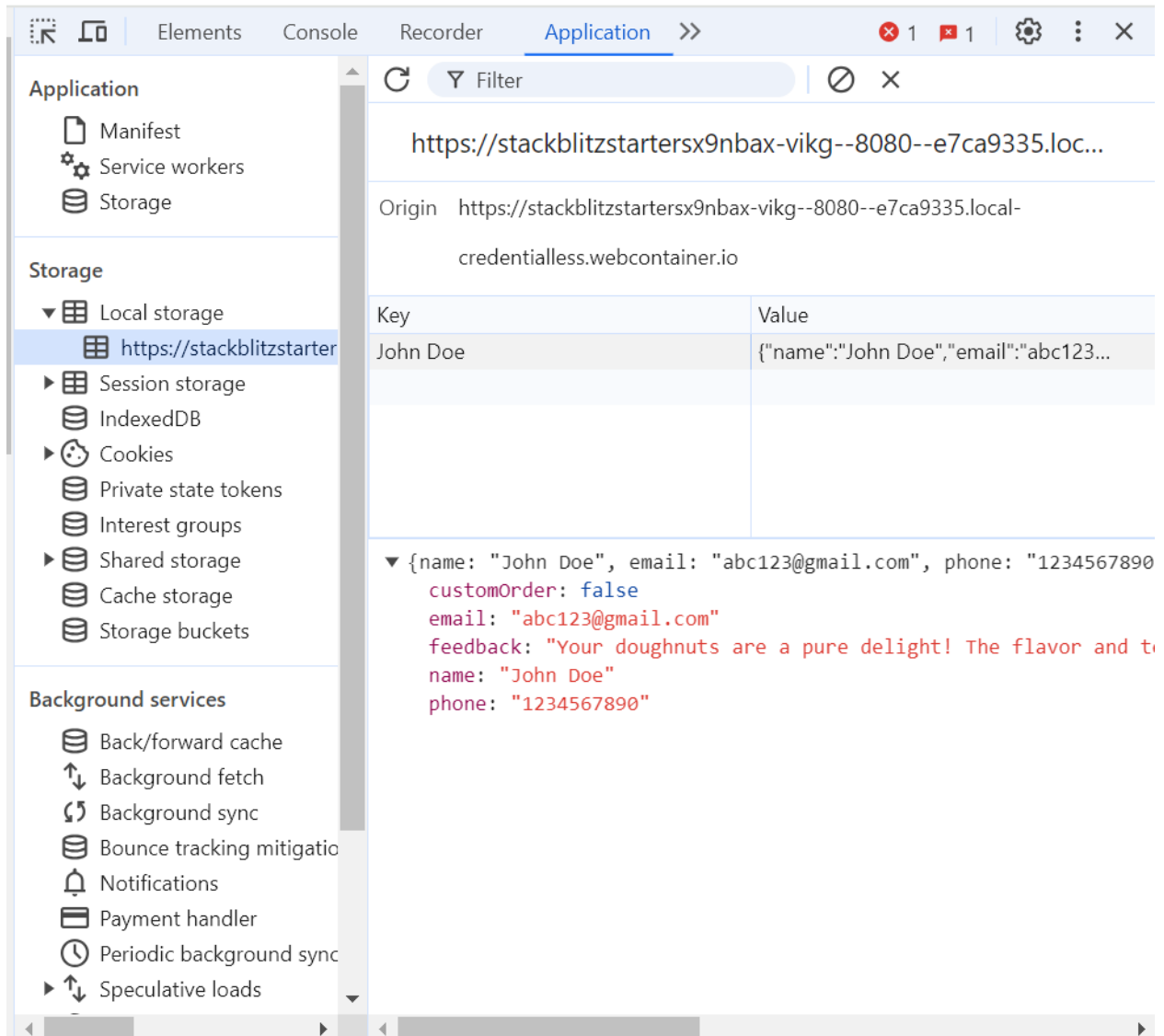
Feedback/Order Information:
Your doughnuts are a pure delight! The flavor and textures are perfect. Thank you for creating such a heavenly treat for doughnut lovers like me!

☐ Custom Order

[Sign up for our Newsletter](#)

stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io says
Thank you for your message, John Doe!

LocalStorage (after form submission):



Contact Us form input validation:

Contact Us

Name:

Your Name

Email Address:

Your Email

Phone Number:

Your Phone Number (Optional)

Feedback/Order Information:

Your Feedback/Custom Order Information

☐ Custom Order

Submit

Clear Form

stackblitzstartersx9nbax-vikg--8080--e7ca9335.local-credentialless.webcontainer.io says

Please enter your name, email and feedback!

OK

Sign up for our Newsletter

Contact Us

Name:

Your Name

Email Address:

Your Email



Please fill out this field.

Phone Number:

Your Phone Number (Optional)

Feedback/Order Information:

Your Feedback/Custom Order Information

☐ Custom Order

Submit

Clear Form

<Include the screenshot(s) for the custom page>



Community Corner

[Home](#) [Gallery](#) [About Us](#) [Community](#)

Customer Spotlight

John Doe

As a regular customer, John always brightens our bakery with his warm smile. His favorite treat is our classic doughnuts, and he never fails to appreciate the delicate blend of flavors in every bite. We appreciate John's continuous support towards our bakery.

Jane Smith

Jane, an avid pastry enthusiast, has been an essential part of our community. She loves exploring our diverse range of pastries, and her thoughtful feedback has helped us refine our recipes and offerings. Jane's enthusiasm is a heartwarming presence in our bakery community.

Anna Smith

Anna has been a regular in our bakery since the beginning and her adoration for our Tiramisu and Bundt Cakes has been instrumental in refining these cherished treats. We are grateful for Anna's unwavering support and invaluable feedback.

Community Involvement

Local Charity Bake Sale

We actively participated in a local charity bake sale, raising \$1000 for charity XYZ. It was a heartwarming experience, knowing that our treats contributed to a meaningful cause.

School Outreach Program

Our involvement in a school outreach program was a joyous occasion. We provided free snacks for a local school event, bringing smiles to the faces of many students and supporting education in our community.

Events and Collaborations

Stay tuned for our upcoming events and exciting collaborations with the community! We're thrilled to announce our participation in the upcoming local food festival, where we'll showcase our delicious creations. Join us for a day filled with food, fun, and community spirit. Additionally, we're collaborating with local artists to host a special art exhibition at our bakery. It's a unique blend of flavors and creativity – an experience you won't want to miss! For inquiries, contact us at info@example.com

Sign up for our Newsletter



[Home](#) [Gallery](#) [About Us](#) [Community](#)

Description of Issues

<include screenshot(s) or paste code below and provide a description of issue>

The font color I initially picked did not work well when placed over the pink color background in the website header. I went back and tested all three font options in an accessibility checker tool, and I decided on a different color option that would be more aesthetically pleasing and accessible.

I did not have any issues with my code. All components function as intended.

