```html
<header class="light-mode">
    <a id="skip" href="#main-content">Skip to Main Content</a>
    <div class="header-content">
        <a href="index.html" id="logo" aria-label="Go to homepage">
            <img src="images/logo3.png" alt="Fevu Coffee logo">
        </a>
        <section class="header-text">
            <h2>Fevu Coffee</h2>
            <p>"Experience the rich flavors of Fevu Coffee, where every cup tells a stor
        </section>
    </div>
    <nav id="nav">
        <h2 class="sr-only">Main Navigation</h2>
        <ul>
            <li><a href="#">Home</a></li>
            <li><a href="#">Menu</a></li>
            <li><a href="#">Events</a></li>
            <li><a href="#">About Us</a></li>
            <li><a href="#">Contact</a></li>
        </ul>
    </nav>

    <button class="toggle-button" id="theme-toggle" aria-label="Toggle theme">
        <i class="fas fa-sun"></i>
    </button>
</header>
```

Project Title:
Fevu Coffee Website

PROJECT OVERVIEW

Description:

The "Fevu Coffee" website serves as a digital platform for a local coffee shop, aiming to connect with coffee enthusiasts and the community. Its primary purpose is to showcase the diverse menu offerings, promote upcoming events, and provide an easy-to-use contact form for customer inquiries. The site aims to enhance customer interaction and provide an enjoyable user experience that reflects the café's welcoming atmosphere.

PROJECT REQUIREMENTS

Homepage:

- Engaging hero section with imagery and welcome text.
- Navigation menu linking to key sections (Menu, Events, About Us, Contact).
- Quick access buttons for promotions or special events.

Menu Section:

- Display of coffee products with images, descriptions, and prices.
- Interactive checkboxes for adding items to a cart.
- Option to filter or search for specific items

Events Section:

- Details of upcoming events, including date, time, location, and description.
- Interactive elements for users to RSVP or participate in events.

Contact Form:

- Form fields for user inquiries (name, email, message).
- Dropdown for preferred contact method (email/phone).
- Validation for required fields and appropriate input formats.

PROJECT REQUIREMENTS

Footer:

- Brand information (copyright, contact details).

- Social media links for customer engagement.

- Newsletter signup option (if applicable).

Responsive Design:

- Mobile-friendly layout that adjusts to various screen sizes.

- Accessible design adhering to web accessibility standards.

Visual Elements:

- High-quality images of products and events.

- Consistent use of fonts and colors reflecting the café's brand identity.

Interactivity:

- JavaScript functionality for interactive elements (e.g., cart, events RSVP).

- Smooth transitions and animations for a polished user experience.

Content Management:

- Clear organization of content for easy updates (menu changes, event details).

- Option to add or remove products and events dynamically.

SEO Optimization:

- Metadata and keywords for search engine visibility.

- Structured data for rich snippets and enhanced search results.

GOALS

➢ Showcase Coffee Products:

  o Highlight a diverse menu of coffee and beverage options, including detailed descriptions and appealing visuals to entice customers.

➢ Promote Events:

  o Create awareness of upcoming events, workshops, and promotions, encouraging community engagement and participation.

➢ Enhance Customer Interaction:

  o Provide an easy-to-use contact form for inquiries and feedback, facilitating direct communication between the café and its customers.

➢ Increase Customer Loyalty:

  o Encourage repeat visits through interactive features, special offers, and updates on new products and events, fostering a sense of community among customers.

➢ Facilitate Online Orders:

  o If applicable, provide a platform for customers to order products online, enhancing convenience and expanding the café's reach.

➢ Gather User Feedback:

  o Implement mechanisms to collect customer feedback and testimonials, aiding in continuous improvement and adaptation to customer needs.

PURPOSE

The primary purpose of the "Fevu Coffee" website is to serve as a central hub for information about the coffee shop, including its offerings, events, and contact details. The site aims to enhance customer interaction and provide an enjoyable user experience that reflects the café's welcoming atmosphere.

TARGET USERS

- ➢ Coffee Enthusiasts: Individuals who appreciate high-quality coffee and are interested in exploring various menu items.

- ➢ Local Residents: Community members looking for a cozy place to meet friends, attend events, or enjoy a cup of coffee.

- ➢ Event Participants: People interested in attending workshops, tastings, and other community activities hosted by Fevu Coffee.

- ➢ Prospective Customers: Visitors seeking information about the café's offerings and ambiance before making their first visit.

DEVELOPMENT PROCESS

1. **Discovery and Planning**:

   o Discuss initial brainstorming sessions, user research, and goal-setting.

   o The Fevu Coffee website is designed to showcase the café's products, promote upcoming events, and provide a user-friendly platform for customer inquiries and interactions.

   o Target audience includes coffee enthusiasts, local residents, and visitors looking for a cozy café experience. Insights were gathered through surveys and social media feedback.

   o Created a site map that includes:

      ▪ Homepage

      ▪ Menu

      ▪ Upcoming Events

      ▪ About Us

      ▪ Contact

   o Collected high-quality images of products, descriptions, event details, and brand story. Ensuring content is engaging and informative.

   o Established the need for HTML, CSS, and JavaScript for development, alongside using Font Awesome for icons and Google Fonts for typography.

Each design choice is purposefully made to enhance usability, encourage engagement, and reflect the unique identity of Fevu Coffee. By prioritizing user experience through thoughtful layout, clear navigation, and interactive elements, the website becomes not just a source of information, but an integral part of the café's community appeal. This holistic approach will likely result in increased customer satisfaction and loyalty.

Logo   **Fevu Coffee**
"Experience the rich flavors of Fevu Coffee, where every cup tells a story."

| Home | Menu | Events | About Us | Contact |

Light/dark mode icon

| full page Large Hero Image |

| "Welcome to **Fevu** Coffee Shop " |

| Order Online Button |

| [Product Image] [Product Image] [Product Image] |

| Signature Coffee   Fresh Pastries   Seasonal Specials |

| Short Desc.   Short Desc.   Short Desc. |

Product name1 = $
Product name2 = $
Product name3 = $
Total.................= $$$

WIREFRAME

Logo   **Fevu Coffee**
"Experience the rich flavors of Fevu Coffee, where every cup tells a story."

| Home | Menu | Events | About Us | Contact |

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| full page Large Hero Image |

| "Welcome to **Fevu** Coffee Shop " |

| Order Online Button |

| _[Product Image] [Product Image] [Product Image] |

| Signature Coffee   Fresh Pastries   Seasonal Specials |

| Short Desc.   Short Desc.   Short Desc. |

Product name1 = $
Product name2 = $
Product name3 = $
Total.................= $$$

| _[Product Image] [Product Image] [Product Image] |

| Signature Coffee   Fresh Pastries   Seasonal Specials |

| Short Desc.   Short Desc.   Short Desc. |

| Price $ Price $.   Price $. |
| Add to cart   Add to cart   Add to cart |

Product name1 = $
Product name2 = $
Product name3 = $
Total.................= $$$

button

| Upcoming Event: Play and Win: |
| Event Image |
| Coffee Trivia Challenge! |
|Date: Saturday, October 15, 2024 |
| Time: 2 PM - 4 PM |
| Location: Fevu Coffee Shop |

Play and Win: Number Match Game

Enter a number between 1 and 10: [__]

< take a Gues Button >

| Participate for a chance to win |
| free coffee for a month! |

Last Name .... **(required)**	Please enter your Last name
First Name .... **(required)**	Please enter your First name
Email	Please enter a valid email number
Confirm email	Enter email
Phone number	Please enter your phone number
Preferred Contact Method: () Email () Phone	image

Enter your message here

.... **(required)**

Submit Button

CODING PROCESS

Languages Used:

HTML (HyperText Markup Language):
➢ Structure: HTML was used to create the structure of the website, organizing content into sections, headings, paragraphs, lists, and links.
➢ Semantic Elements: Employed semantic tags like <header>, <nav>, <main>, <section>, and <footer> for better accessibility and SEO optimization.

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</header>
```

CODING PROCESS

CSS (Cascading Style Sheets):
➢ **Styling:** CSS was used to style the website, including layout, colors, fonts, and responsive design. Implemented Flexbox and Grid for layout management.

JavaScript
➢ **Interactivity:** JavaScript was used to add interactivity to the website, including dynamic elements like the cart functionality, theme toggle (light/dark mode), and form validation.
➢ **Event Handling:** Utilized event listeners to respond to user actions, such as clicks on buttons and form submissions.

```css
styles.css  ✕        <> index.html

styles.css > ⬧ :root
1    /* Base styles */
2    :root {
3        --primary-bg: ▩#db9456;
4        --secondary-bg: ▩#ba7a7a;
5        --text-color-light: ▩#ffffff;
6        --text-color-dark: ▩#000000;
7        --highlight-color: ▩#d18f3a;
8    }
9
10   /* Style the body */
11   body {
12       max-width: 1280px;
13       margin: 0 auto;
14       font-family: Arial, sans-serif;
15       background-color: var(--text-color-light);
16       transition: background-color 0.3s, color 0.3s;
17       line-height: 1.3;
18   }
19
```

TESTING

To guarantee compatibility across different web browsers, I tested the site on the following:

➢ **Chrome:**

    ➢ Checked performance and appearance, including console errors and responsiveness using Chrome's Developer Tools.

➢ **Firefox:**

    ➢ Ensured that all features worked correctly, with special attention to CSS properties that may render differently.

➢ **Safari:**

    ➢ Tested on macOS and iOS devices to ensure the site rendered correctly and maintained functionality.

➢ **Edge:**

    ➢ Verified the layout and performance, as well as responsiveness in the latest version of Microsoft Edge.

TOOLS AND RESOURCES

Tools Used:

➤ Visual Studio Code: Primary code editor for developing the Fevu Coffee website.

➤ W3C HTML Validator: Identified errors and warnings in the markup, helping to maintain semantic structure and improve accessibility.

➤ W3C CSS Validator: Checked the CSS code for compliance with web standards.

Image Sources:

➤ All images and assets used in the Fevu Coffee project were obtained from free image websites

FUTURE IMPROVEMENTS

Enhanced User Experience

➢ Improvement: Conduct user testing to gather feedback on navigation and usability.

▪ Goal: Implement changes based on user feedback to create a more intuitive and enjoyable experience.

Mobile App Development

➢ Improvement: Develop a mobile app version of the Fevu Coffee platform.

▪ Goal: Allow users to browse the menu, order ahead, and receive notifications about events directly on their mobile devices.

REFLECTION

This project presented challenges that tested my problem-solving skills and time management abilities. However, the satisfaction of overcoming these obstacles and the joy of creative expression made the experience rewarding. Overall, I gained valuable skills in web development, design, and user experience, all of which will serve me well in future projects.

Time Management

Challenge: Balancing this project with other responsibilities was tough, leading to stress and rushed work.

Solution: I created a detailed project timeline with milestones and deadlines. Prioritizing tasks and breaking them into manageable parts helped me stay organized and on track.

Coding and Problem Solving

Enjoyment: Writing the HTML and CSS code was particularly satisfying. Each successful implementation felt rewarding, especially when elements came together seamlessly.

Learning: I gained a deeper appreciation for coding logic and structure, as well as how small adjustments can significantly impact functionality and appearance.