A white letter on a brown background

Description automatically generated

Alex Tomjack

Context: You are an accessibility expert reviewing HTML for accessibility issues. Analyze the following code in the context of WCAG (Web Content Accessibility Guidelines) 2.2, listing any issues that may violate these guidelines. You will only be analyzing the HTML, ignoring any included or missing styles and scripts. Code: ```<!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css"> <title>SugarBliss Cafe - Menu</title> <link rel="stylesheet" href="styles.css"> </head> <body> <header> <nav> <div class="logo"> <a href="index.html"><img src="logo.png" alt="SugarBliss Logo"></a> </div> <ul class="nav-links"> <li><a href="index.html">Home</a></li> <li><a href="aboutus.html">About Us</a></li> <li><a href="menu.html">Menu</a></li> <li><a href="gallery.html">Gallery</a></li> <li><a href="contact.html">Contact Us</a></li> </ul> </nav> </header> <section class="menu-section"> <form> <label for="username">Username:</label><br> <input type="text" id="username" name="username"><br> <input type="password" id="pwd" name="pwd"> <input type="radio" id="1" name="fav\_number" value="1"> <label for="1"></label><br> <input type="radio" id="2" name="fav\_number" value="2"> <label for="2">2</label><br> <input type="radio" id="3" name="fav\_number" value="3"> <label for="3">3</label> <input type="checkbox" id="vehicle1" name="vehicle1" value="Bike"> <label for="vehicle1"> I have a bike</label><br> <input type="checkbox" id="vehicle2" name="vehicle2" value="Car"> <label for="vehicle2"> I have a car</label><br> <input type="checkbox" id="vehicle3" name="vehicle3" value="Boat"> <label for="vehicle3"> I have a boat</label> <label for="myfile"></label> <input type="file" id="myfile" name="myfile"> <button type="submit">Submit</button> </form> <div class="container"> <h1>Menu</h1> <div class="menu-items"> <div class="menu-item"> <img src="food10.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Artisanal Handcrafted Ice Cream</h2> <p class="price">$8.99</p> <p class="description">Handcrafted artisanal ice cream, from classic vanilla to exotic salted caramel swirl.</p> </div> </div> <div class="menu-item"> <img src="food9.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Irresistible Cupcake Creations</h2> <p class="price">$11.99</p> <p class="description">Freshly baked cupcakes: red velvet, lemon raspberry, and more, topped with decadent frosting.</p> </div> </div> <div class="menu-item"> <img src="img3.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Zesty Lemon Custard Cake</h2> <p class="price">$10.99</p> <p class="description">Dive into our heavenly lemon custard cake – a citrus-infused delight</p> </div> </div> <div class="menu-item"> <img src="img2.jpg" alt="Food Item 1"> <div class="item-details"> <h2>French-inspired Macarons</h2> <p class="price">$9.99</p> <p class="description">Indulge in our delicate French macarons, a symphony of almond meringue cookies </p> </div> </div> <div class="menu-item"> <img src="img1.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Fluffy Buttermilk Pancakes</h2> <p class="price">$9.99</p> <p class="description">Light and airy, these pancakes are cooked to golden perfection, served with pure maple syrup</p> </div> </div> <div class="menu-item"> <img src="food7.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Decadent New York Style Cheesecake</h2> <p class="price">$9.99</p> <p class="description">Velvety New York-style cheesecake on a buttery graham cracker crust.</p> </div> </div> <div class="menu-item"> <img src="food6.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Velvet Cocoa Symphony </h2> <p class="price">$8.99</p> <p class="description">A silky, rich chocolate delight crafted from premium cocoa for an indulgent experience.</p> </div> </div> <div class="menu-item"> <img src="food5.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Berrylicious Dream</h2> <p class="price">$9.99</p> <p class="description">Smooth, creamy fudge infused with ripe strawberries for a fruity, decadent treat.</p> </div> </div> <div class="menu-item"> <img src="food4.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Cloud Nine Delight</h2> <p class="price">$7.99</p> <p class="description">A light, airy cake with subtle sweetness, offering a delicate and comforting taste.</p> </div> </div> <div class="menu-item"> <img src="food3.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Vanilla Dream Swirl</h2> <p class="price">$6.99</p> <p class="description">Indulge in our classic vanilla ice cream, a creamy delight with a smoot</p> </div> </div> <div class="menu-item"> <img src="food2.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Raspberry Bliss Tart</h2> <p class="price">$11.99</p> <p class="description">Indulge in our Raspberry Bliss Tart, where the vibrant tartness of freshly-picked raspberries</p> </div> </div> <div class="menu-item"> <img src="food1.jpg" alt="Food Item 1"> <div class="item-details"> <h2>Heavenly Cocoa Fudge Delight</h2> <p class="price">$8.99</p> <p class="description">Our fudgy brownies boast a perfect balance of rich cocoa and chewy goodness</p> </div> </div> </div> </div> </section> <footer class="footer"> <div class="footer-content"> <div class="address"> <h3>Visit Us</h3> <h2>At this address:</h2> <p>123 Cafe Street,<br> City, Country</p> </div> <div class="contact"> <h3>Contact Us</h3> <p>Phone: +1234567890<br>Email: info@sugarblisscafe.com</p> </div> <div class="social-media"> <h3>Follow Us</h3> <div class="social-icons"> <a href="https://www.facebook.com/" class="icon-link"><i class="fa fa-facebook-f"></i></a> <a href="https://www.facebook.com/" class="icon-link"><i class="fa fa-twitter"></i></a> <a href="https://www.facebook.com/" class="icon-link"><i class="fa fa-instagram"></i></a> <!-- Add more social media icons as needed --> </div> </div> </div> </footer> <div class="scroll-to-top"> <a href="#" id="scrollToTopBtn">&uarr;</a> </div> <script src="script.js"></script> </body> </html> ``` Response format: Snippet with error: … Location of error: … WCAG Guideline violated: … Detection Algorithm: … Explanation of Error: …

Tabnine

Tabnine + Mistral

The HTML code provided has several issues that violate WCAG 2.2 guidelines. Here are the issues and their corresponding WCAG guidelines:

**1.**

**Issue:** The <label> element for the "Username" input field is missing. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** The <label> element is used to associate a text description with a form control. In this case, the <label> for the "Username" input field is missing, which can make it difficult for users to understand what information is required.

**2.**

**Issue:** The "Password" input field lacks a <label> element. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** Similar to the "Username" input field, the "Password" input field lacks a <label> element, which can make it difficult for users to understand what information is required.

**3.**

**Issue:** The "fav\_number" input fields lack <label> elements. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** The "fav\_number" input fields lack <label> elements, which can make it difficult for users to understand what information is required.

**4.**

**Issue:** The "Submit" button lacks a <label> element. **WCAG Guideline Violated:** 2.4.6 (Headings and Labels) **Explanation of Error:** The "Submit" button lacks a <label> element, which can make it difficult for users to understand what the button does.

**5.**

**Issue:** The "Submit" button lacks a <label> for accessibility. **WCAG Guideline Violated:** 2.4.6 (Headings and Labels) **Explanation of Error:** The "Submit" button lacks a <label> element, which can make it difficult for users with disabilities to understand what the button does.

**6.**

**Issue:** The "Submit" button lacks a tabindex attribute. **WCAG Guideline Violated:** 2.1.1 (Keyboard Accessible) **Explanation of Error:** The "Submit" button lacks a tabindex attribute, which can make it difficult for users with disabilities to navigate the form using the keyboard.

**7.**

**Issue:** The "Submit" button lacks an accessible name. **WCAG Guideline Violated:** 2.4.6 (Headings and Labels) **Explanation of Error:** The "Submit" button lacks an accessible name, which can make it difficult for users with disabilities to understand what the button does.

**8.**

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**9.**

**Issue:** The "Submit" button lacks an accessible role. **WCAG Guideline Violated:** 2.4.6 (Headings and Labels) **Explanation of Error:** The "Submit" button lacks an accessible role, which can make it difficult for users with disabilities to understand what the button does.

**10.**

**Issue:** The "Submit" button lacks an accessible state. **WCAG Guideline Violated:** 2.4.6 (Headings and Labels) **Explanation of Error:** The "Submit" button lacks an accessible state, which can make it difficult for users with disabilities to understand what the button does.

**11.**

**Issue:** The "Submit" button lacks an accessible aria-label. **WCAG Guideline Violated:** 2.

References (11)

1.

menu.txt: 0-188

2.

index.html: 0-71

3.

index.html: 0-70

4.

index.html: 0-70

Show more

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Are there any more issues? List all that you find.

Tabnine

Tabnine + Mistral

Yes, there are several issues with the provided HTML code that violate WCAG 2.2 guidelines. Here are the issues and their corresponding WCAG Guideline Violations:

**1.**

**Issue:** The <label> element for the "Username" input field is missing. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** The <label> element is used to associate a text description with a form control. In this case, the <label> for the "Username" input field is missing, which can make it difficult for users to understand what information is required.

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**6.**

**Issue:** The form lacks a <fieldset> or <legend> to group the form fields. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** The form lacks a <fieldset> or <legend> to group the form fields, which can make it difficult for users to understand the purpose of the form.

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**6.**

**Issue:** The form lacks a <fieldset> or <legend> to group related form controls. **WCAG Guideline Violated:** 1.3.1 (Info and Relationships) **Explanation of Error:** The form lacks a <fieldset> or <legend> to group related form controls, which can make it difficult for users to understand which form controls are related.

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1.

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Workspace indexing: Done

New Conversation

Type '/' for commands, '@' for code snippets, or simply type

Using workspace