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"> <title></title> <style> /\* Inline CSS styles go here \*/ /\* Place your CSS styles inside the <style> tags \*/ /\* Reset some default styles \*/ body, h1, h2, h3, p { margin: 0; padding: 0; } /\* Define basic styles for the header \*/ header { background-image: url('header-background.jpg'); background-size: cover; color: #fff; padding: 20px; display: flex; justify-content: space-between; align-items: center; } .logo img { max-width: 100px; } nav ul { list-style: none; } nav li { display: inline; margin-right: 20px; } /\* Define styles for the hero section \*/ .hero { text-align: center; padding: 100px 0; } .btn { background-color: #ff3366; color: #fff; padding: 10px 20px; border: none; text-decoration: none; font-weight: bold; } /\* Define styles for the video section \*/ .video { text-align: center; padding: 50px 0; } /\* Define styles for other sections (products, about us, etc.) \*/ /\* Define styles for the footer \*/ footer { background-color: #333; color: #fff; padding: 20px; display: flex; justify-content: space-between; align-items: center; } .contact, .subscribe { flex: 1; margin-right: 20px; } .subscribe input { padding: 10px; width: 100%; border: none; margin-bottom: 10px; } .subscribe button { background-color: #ff3366; color: #fff; padding: 10px 20px; border: none; text-decoration: none; font-weight: bold; } </style> </head> <body> <header> <div class="logo"> <img src="logo.png"> </div> <nav> <ul> <li><a href="#">Home</a></li> <li><a href="#">Products</a></li> <li><a href="#">About Us</a></li> <li><a href="#">Contact</a></li> </ul> </nav> </header> <section class="hero"> <h1>Welcome to our Beauty Products Store</h1> <p>Discover the latest beauty products that will make you look stunning.</p> <a href="#" class="btn" style="color: #fff; background-color: #ff3366;">Shop Now</a> </section> <section class="video"> <iframe width="560" height="315" src="https://www.youtube.com/embed/VIDEO\_ID" frameborder="0" allowfullscreen></iframe> </section> <form> <label for="username">Username:</label><br> <input type="text" id="username" name="username"><br> <label for="password">Password:</label><br> <input type="password" id="pwd" name="pwd"> <input type="radio" id="1" name="fav\_number" value="1"> <label for="1">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"></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> <input type="file" id="myfile" name="myfile"> <button type="submit">Submit</button> </form> <section class="products"> <h2>Featured Products</h2> <div class="product-card"> <!-- Your product card conten --> </section> </body>``` Response format: Snippet with error: … Location of error: … WCAG Guideline violated: … Detection Algorithm: … Explanation of Error: …

Tabnine

Tabnine + Mistral

Snippet with error: The form element does not have a label associated with each form control. Location of error: The form element in the HTML code. WCAG Guideline violated: WCAG 2.0 Success Criterion 1.3.1 (Info and Relationships) Detection Algorithm: Check if each form control has a corresponding label element. Explanation of Error: Each form control should have a corresponding label element to provide a text alternative that users can read. This helps users understand the purpose of each form control and navigate the form using assistive technologies. In the provided HTML code, the form element contains several form controls (input, radio, and checkbox) but does not have corresponding label elements for each of them. This violates WCAG 2.0 Success Criterion 1.3.1 (Info and Relationships).

References (11)

1.

index.txt: 0-157

2.

index.html: 1-93

3.

index.html: 1-68

4.

index.html: 0-38

Show more

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

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Workspace indexing: Done

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

Using workspace