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="styles.css"> <script defer src="script.js"></script> <title>Calvin Kelvin Products</title> </head> <body> <!-- Navigation Bar --> <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 --> <header> <h1>Calvin Kelvin Products</h1> <p>Your go-to destination for quality products.</p> </header> <!-- Featured Products Section --> <section id="featured-products"> <!-- Product 1 --> <div class="product-card"> <img src="product1.jpg" alt="Product 1"> <h2>ComfortFit T-Shirt</h2> <p>Experience unmatched comfort with our premium cotton T-shirt.</p> <button onmousedown="addToCart('ComfortFitTShirt')">Add to Cart</button> </div> <!-- Product 2 --> <div class="product-card"> <img src="product2.jpg" alt="Product 2"> <h2>Classic Denim Jeans</h2> <p>Stay stylish and comfortable with our classic denim jeans.</p> <button onclick="addToCart('ClassicDenimJeans')">Add to Cart</button> </div> <!-- Add more products as needed --> </section> <!-- Video Section --> <section id="video-container" onmouseout="PauseVideo()"> <h2>Our Story</h2> <div id="video-container"></div> </section> <!-- Contact Section --> <section id="contact"> <h2>Contact Us</h2> <form> <div class="form-group"> <input type="text" id="name" name="name" placeholder="Your name"> </div> <div class="form-group"> <label for="email">Email:</label> <label for="email">Email:</label> <input type="email" id="email" name="email" placeholder="Your email"> </div> <div class="form-group"> <label for="message">Message:</label> <textarea id="message" name="message" placeholder="Your message"></textarea> </div> <button type="submit">Submit</button> </form> </section> <!-- Footer Section --> <footer> <p>&copy; 2023 Calvin Kelvin Products</p> </footer> </body> </html> ``` Response format: Snippet with error: … Location of error: … WCAG Guideline violated: … Detection Algorithm: … Explanation of Error: …

Tabnine

Tabnine + Mistral

Snippet with error:

Location of error: The code provided does not have any errors that directly violate WCAG 2.2 guidelines. However, there are some areas where improvements can be made to enhance accessibility.

Insert

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WCAG Guideline violated:

1.1.1 Non-text Content: Some elements in the code do not have alternative text for non-text content. For example, the `<img>` elements in the "Featured Products Section" and the "Video Section" do not have `alt` attributes.

Insert

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Detection Algorithm:

The algorithm used to detect the violations is a manual review of the code against the WCAG 2.2 guidelines. The guidelines are organized into four principles: Perceivable, Operable, Understandable, and Robust. Each principle has specific guidelines that must be followed to ensure accessibility.

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Explanation of Error:

The code provided does not have any errors that directly violate WCAG 2.2 guidelines. However, there are some areas where improvements can be made to enhance accessibility. For example, the `<img>` elements in the "Featured Products Section" and the "Video Section" do not have `alt` attributes. This means that if the images are not displayed for any reason, users will not have any alternative way to understand the content of the images.

Insert

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To address this issue, the alt attribute should be added to the <img> elements to provide a textual description of the images. This will ensure that users with visual impairments or those using screen readers can still understand the content of the images.

References (11)

1.

index.txt: 0-93

2.

index.html: 0-85

3.

index.html: 0-85

4.

index.html: 0-85

Show more

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

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There are no additional issues found in the provided code block beyond the scope of the initial analysis. The code provided does not have any errors that directly violate WCAG 2.2 guidelines. However, there are some areas where improvements can be made to enhance accessibility. For example, the <img> elements in the "Featured Products Section" and the "Video Section" do not have alt attributes. This means that if the images are not displayed for any reason, users will not have any alternative way to understand the content of the images. To address this issue, the alt attribute should be added to the <img> elements to provide a textual description of the images. This will ensure that users with visual impairments or those using screen readers can still understand the content of the images.

References (1)

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References (1)

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index.txt: 0-93

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Are there any other WCAG 2.2 guidelines that the code violates, besides the lack of alt attributes for images?

Workspace indexing: Done

New Conversation

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

Using workspace