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" /> <title>Bookstore</title> <link rel="stylesheet" href="styles.css" /> </head> <body> <!-- Navigation Bar --> <nav> <ul> <li><a href="#home">Home</a></li> <li><a href="#books">Books</a></li> <li><a href="#about">About</a></li> <li><a href="#contact">Contact</a></li> </ul> </nav> <!-- Header with Background Image --> <header style="background-image: url('header-image.jpg')"> <h1>Welcome to our Bookstore</h1> <p>Explore a vast collection of books.</p> </header> <!-- Search Bar and Filters --> <section id="filters"> <label for="search">Search:</label> <input type="text" id="search" placeholder="Search..." aria-label="Search" /> <select id="filter"> <option value="genre">Genre</option> <option value="author">Author</option> <!-- Add more filter options --> </select> <button>Apply Filters</button> </section> <!-- Book Display Section --> <section id="books"> <!-- Display books dynamically from database --> <!-- Example book --> <div class="book"> <img src="book-cover.jpg" /> <h2>Book Title</h2> <p>Author: Author Name</p> <font size="5">Description of the book...</font> <button>Read More</button> </div> <!-- Add more books dynamically --> </section> <!-- Video about the Bookstore --> <section id="video"> <h2><b>Discover Our Bookstore</b></h2> <video autoplay> <source src="bookstore-video.mp4" type="video/mp4" /> Your browser does not support the video tag. </video> </section> <!-- Contact Form --> <section id="contact"> <h2>Contact Us</h2> <form action="submit.php" method="POST"> <label for="name">Your Name:</label> <input type="text" id="name" name="name" placeholder="Your Name" /> <label for="email">Your Email:</label> <input type="email" id="email" name="email" placeholder="Your Email" /> <label for="message">Your Message:</label> <textarea id="message" name="message" placeholder="Your Message" ></textarea> <button type="submit">Send</button> </form> </section> <!-- Footer --> <footer> <p>&copy; 2023 Bookstore. All rights reserved.</p> </footer> <!-- JavaScript for interactivity --> <script src="scripts.js"></script> </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 "Search" input field in the "filters" section does not have a label associated with it.

WCAG Guideline violated: WCAG 2.2 Success Criterion 1.1.1 (Non-text Content): All non-text content that is presented to the user has a text alternative that serves the equivalent purpose.

Detection Algorithm: Check if each non-text content element has an associated label or title element that conveys the same information.

Explanation of Error: The "Search" input field in the "filters" section does not have a label associated with it. This violates WCAG 2.2 Success Criterion 1.1.1, which states that all non-text content that is presented to the user has a text alternative that serves the equivalent purpose.

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Snippet with error:

Location of error: The "Video about the Bookstore" section does not have a transcript or audio description for the video content.

WCAG Guideline violated: WCAG 2.2 Success Criterion 1.2.1 (Audio-only and Video-only Prerecorded): Prerecorded audio-only and video-only content is also accessible to people who are blind.

Detection Algorithm: Check if each video element has a transcript or audio description that conveys the same information.

Explanation of Error: The "Video about the Bookstore" section does not have a transcript or audio description for the video content. This violates WCAG 2.2 Success Criterion 1.2.1, which states that prerecorded audio-only and video-only content is also accessible to people who are blind.

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References (11)

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References (1)

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Workspace indexing: Done

New Conversation

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

Using workspace