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> <base href="https://bhargavichandu1.github.io/"> <meta charset="UTF-8"> <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Hospital Management System</title> <style> body { margin: 0; padding: 0; font-family: 'Arial', sans-serif; color: #333; /\* Set the default text color \*/ } header { background-image: url('hospital\_background.jpg'); background-size: cover; color: #fff; text-align: center; padding: 50px; } nav { background-color: #333; overflow: hidden; } nav a { float: left; display: block; color: white; text-align: center; padding: 14px 16px; text-decoration: none; } section { padding: 20px; } footer { background-color: #333; color: white; text-align: center; padding: 10px; position: fixed; bottom: 0; width: 100%; } h1, h2, h3, h4, h5, h6 { color: #fff; } /\* Add your additional styles for buttons, input fields, etc. \*/ label { display: block; margin-bottom: 5px; color: #333; /\* Set label color \*/ } input, textarea, button { margin-bottom: 10px; } /\* Add more specific styles for form elements if needed \*/ </style> </head> <body> <!-- Header --> <header> <marquee>Hospital Management System</marquee> </header> <!-- Navigation --> <nav> <a href="#home">Home</a> <a href="#services">Services</a> <a href="#about">About Us</a> <a href="#contact">Contact</a> <!-- Add more navigation links as needed--> </nav> <!-- Home Section --> <section id="home"> <h2>Welcome to Our Hospital</h2> <p>This is a brief description of your hospital and its services.</p> <!-- HTML5 video or audio --> <video width="400" controls> <source src="hospital\_video.mp4" type="video/mp4"> Your browser does not support the video tag. </video> </section> <!-- Services Section --> <section id="services"> <h2>Our Services</h2> <p>Describe the services offered by your hospital.</p> <!-- Add more content and sections as needed--> </section> <!-- About Section --> <section id="about"> <h4>About Us</h4> <h3>Provide information about the hospital's history, mission, and values.</h3> <!-- Add more content and sections as needed--> </section> <!-- Contact Section --> <section id="contact"> <h2>Contact Us</h2> <form> <label for="name"></label> <input type="text" id="name" name="name" required> <br> <label for="email">Email:</label> <input type="email" id="email" name="email" required> <br> <label for="message">Message:</label> <textarea id="message" name="message" rows="4" required></textarea> <br> <button type="submit">Submit</button> </form> </section> <meta http-equiv="refresh" content="0"> <!-- Footer --> <footer> <p>© 2023 Hospital Management System. All rights reserved.</p> </footer> </body> </html> ``` Response format: Snippet with error: … Location of error: … WCAG Guideline violated: … Detection Algorithm: … Explanation of Error: …

Snippet with error: <marquee>Hospital Management System</marquee> Location of error: In the <header> section. WCAG Guideline violated: 2.2.2 Pause, Stop, Hide (Level A). Detection Algorithm: Look for deprecated <marquee> tags which automatically move or scroll content. Explanation of Error: The <marquee> element causes content to automatically move which can be distracting. There is no mechanism provided to pause, stop, or hide this motion, violating WCAG guideline 2.2.2.

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

Snippet with error: <label for="name"></label> Location of error: In the <form> within the "Contact" section. WCAG Guideline violated: 3.3.2 Labels or Instructions (Level A). Detection Algorithm: Check for <label> elements with a for attribute that do not contain any text or instructions for the form control they reference. Explanation of Error: The label for the input field with id "name" is empty, providing no accessible name or description for the form control, which can confuse users, especially those relying on assistive technologies.

Snippet with error: <meta http-equiv="refresh" content="0"> Location of error: Before the <footer>. WCAG Guideline violated: 2.2.1 Timing Adjustable (Level A). Detection Algorithm: Search for <meta http-equiv="refresh"> with a time limit that redirects or refreshes the page automatically. Explanation of Error: Using a <meta> refresh with a content value of "0" causes an immediate page reload, which can disorient users or prevent them from accessing content, especially concerning for users with cognitive disabilities or those using screen readers.

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

Snippet with error: <video width="400" controls> Location of error: In the "Home Section" within the <section id="home">. WCAG Guideline violated: 1.2.2 Captions (Prerecorded) (Level A). Detection Algorithm: Identify <video> elements without accompanying <track kind="captions" ...> elements or other means of providing captions. Explanation of Error: The video lacks captions, making it inaccessible to deaf users or those who are hard of hearing, as there is no textual alternative for the auditory information.

New Chat (Alt-J)