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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="eg"> <head> <meta charset="UTF-8"> <title>Restaurant Menu</title> <link rel="stylesheet" href="styles.css"> </head> <body> <header> <nav> <!-- Navigation bar --> <ul> <li><a href="#home">Home</a></li> <li><a href="#menu">Menu</a></li> <li><a href="#about">About Us</a></li> <!-- More navigation links --> </ul> </nav> </header> <main> <section id="home"> <!-- Homepage content with background image, text, buttons, and maybe a video --> <div class="hero"> <h1>Welcome to Our Restaurant</h1> <font size="5"> Delicious food just for you!</font> <a href="#menu" class="btn">View Menu</a> </div> </section> <section id="menu"> <!-- Menu items with images, text descriptions, search filters, and sorting filters --> <h2>Our Menu</h2> <div class="search-filter"> <!-- Search field and filters --> <label for="search">Search:</label> <label for="search">Search:</label> <input type="text" id="search" placeholder="Search..."> <!-- Sorting options --> <select id="sort"> <option value="default">Default</option> <option value="price">Price</option> <!-- More sorting options --> </select> </div> <div class="menu-items"> <!-- Individual menu item --> <div class="menu-item" onmouseover="ExternalFunction()"> <img src="food1.jpg" alt="Food 1"> <h3>Food Item Name</h3> <p>Description of the food item.</p> <span class="price">$10.99</span> <!-- Add to cart button --> <button>Add to Cart</button> </div> <!-- More menu items --> </div> </section> <!-- Other sections like About Us, Contact, etc. --> </main> <footer> <!-- Footer content --> <p>&copy; 2023 Restaurant Name. All rights reserved.</p> </footer> <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:

<div class="menu-items">

<!-- Individual menu item -->

<div class="menu-item" onmouseover="ExternalFunction()">

<img src="food1.jpg" alt="Food 1">

<h3>Food Item Name</h3>

<p>Description of the food item.</p>

<span class="price">$10.99</span>

<!-- Add to cart button -->

<button>Add to Cart</button>

</div>

<!-- More menu items -->

</div>

Insert

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Location of error:

<div class="menu-items">

*<!-- Individual menu item -->*

<div class="menu-item" onmouseover="ExternalFunction()">

*<!-- ... -->*

</div>

*<!-- More menu items -->*

</div>

Insert

Copy

WCAG Guideline violated: 1.2.4: Link Purpose (In Context) 2.4.4: Link Purpose (Link Only) Detection Algorithm:

**1.**

Identify all links within the webpage.

**2.**

Check if the link text provides enough context about the destination page or action.

**3.**

If the link text is not descriptive enough, it violates the WCAG 2.4.4 guideline.

**4.**

If the link is the only clickable element in its container, it violates the WCAG 2.4.4 guideline. Explanation of Error: The "Add to Cart" button in the "menu-item" div does not have a descriptive link text, which violates the WCAG 2.4.4 guideline. Additionally, if the "Add to Cart" button is the only clickable element in its container, it also violates the WCAG 2.4.4 guideline. To fix this issue, the "Add to Cart" button should have a descriptive link text, such as "Add to Cart" or "Add [Food Item Name] to Cart".

References (1)

1.

index.txt: 0-79

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

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**1.**

The "ExternalFunction()" function used in the "onmouseover" attribute of the "menu-item" div is not defined in the provided HTML code. This could potentially cause issues for users who rely on keyboard navigation or screen readers. To address this issue, either provide a fallback behavior for the "onmouseover" event or remove the "onmouseover" attribute.

**2.**

The "search" label is repeated twice within the "search-filter" div. This is redundant and can be confusing for users. To fix this issue, remove one of the "search" labels.

**3.**

The "alt" attribute for the "food1.jpg" image is missing. This is important for users who rely on screen readers or have visual impairments. To address this issue, provide a descriptive "alt" attribute for the image.

**4.**

The "price" element is not associated with any specific menu item. It is recommended to include the price within each "menu-item" div, either as a separate element or as part of the "p" element. This will make it easier for users to understand the cost of each menu item.

**5.**

The "footer" section does not have a descriptive "aria-label" attribute. This can be helpful for users who rely on screen readers to understand the purpose of the footer section. To address this issue, add an "aria-label" attribute to the "footer" section, such as "Footer section with copyright information".

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**1.**

The "hero" div does not have a descriptive "aria-label" attribute. This can be helpful for users who rely on screen readers to understand the purpose of the "hero" section. To address this issue, add an "aria-label" attribute to the "hero" section, such as "Hero section with a welcome message and a button to view the menu".

**2.**

The "btn" class is used for the "View Menu" button, but it is not defined in the provided HTML code. This could potentially cause issues for users who rely on keyboard navigation or screen readers. To address this issue, either provide a fallback behavior for the "btn" class or remove the "btn" class from the "View Menu" button.

**3.**

The "search" input field does not have a "placeholder" attribute. This can be helpful for users who rely on screen readers to understand the purpose of the input field. To address this issue, add a "placeholder" attribute to the "search" input field, such as "Search for menu items".

**4.**

The "sort" select element does not have a "placeholder" attribute. This can be helpful for users who rely on screen readers to understand the purpose of the select element. To address this issue, add a "placeholder" attribute to the "sort" select element, such as "Sort by default or price".

**5.**

The "price" element is still not associated with any specific menu item. It is recommended to include the price within each "menu-item" div, either as a separate element or as part of the "p" element. This will make it easier for users to understand the cost of each menu item.

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What are the specific changes needed to address the issues related to the 'ExternalFunction()' function, the repeated 'search' label, and the missing 'alt' attribute for the 'food1.jpg' image?

Workspace indexing: Done

New Conversation

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

Not using workspace