

# AI Test Results from testers.ai



The Coca-Cola app's Home page presents several quality concerns. A 'Failed to load resource: net::ERR\_NAME\_NOT\_RESOLVED' error indicates potential performance bottlenecks, while 'Duplicated Content Blocks' suggests content management issues. Accessibility is also a significant area for improvement, as seen in the 'Privacy Preference Center Overlay Issue' and 'Low contrast in Privacy Preference Center' bugs. These issues, combined with potential GDPR concerns and ambiguous link text, degrade the overall user experience.

## Best Aspects

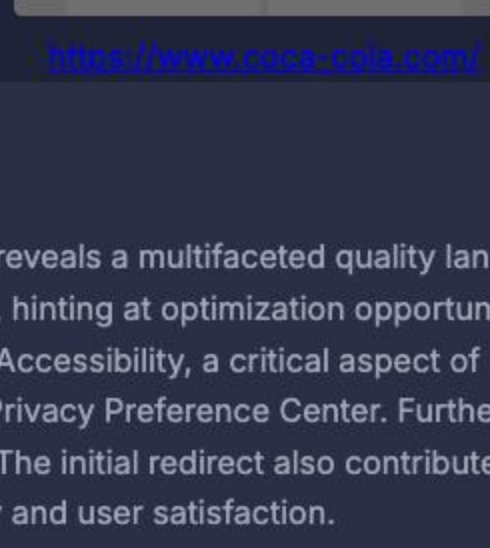
The app is still functioning, delivering core branding content despite these issues. The fact that it is online and trying is admirable!

## Areas for Improvement

Multiple performance issues, accessibility violations, and potential GDPR non-compliance.

## Quality Summary

### HOME



0.53 seconds

www.brewery.coca-cola.com

### Detailed Analysis

Diving deeper into the Coca-Cola app's Home page reveals a multifaceted quality landscape. Performance woes are evident with the network resolution failure and the large CSS file size, hinting at optimization opportunities. Content integrity is questionable due to the duplicated blocks and an inaccurate copyright year. Accessibility, a critical aspect of modern web development, is undermined by overlay issues, low contrast, and ambiguous link text in the Privacy Preference Center. Furthermore, potential third-party tracking without explicit consent raises serious GDPR compliance concerns. The initial redirect also contributes to a perceived slowness. Resolving these challenges will significantly enhance the app's perceived quality and user satisfaction.

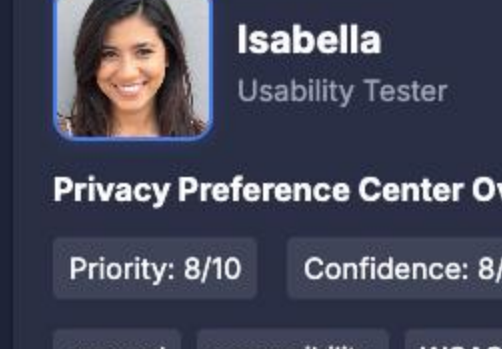
### Key Suggestions

- Prioritize performance optimization by addressing network connectivity issues and optimizing CSS delivery.
- Conduct a thorough accessibility audit and remediate all WCAG violations, especially within the Privacy Preference Center.
- Review and update privacy policies and consent mechanisms to ensure full GDPR compliance regarding third-party tracking.
- Implement a content audit to remove duplicated blocks and correct the copyright year.
- Ensure all links have unique and descriptive text to improve navigation and accessibility ('Learn More' links).

### Priority Improvements

1. Address 'Failed to load resource: net::ERR\_NAME\_NOT\_RESOLVED' by ensuring robust network connectivity and server availability.
2. Optimize CSS delivery to reduce file size and improve initial load time. (Large CSS file size)
3. Implement WCAG 2.1 AA compliant contrast ratios and ensure proper element sizing in the Privacy Preference Center. (Low contrast in Privacy Preference Center)
4. Resolve 'Privacy Preference Center Overlay Issue' to guarantee accessibility across different devices and screen sizes.
5. Implement explicit consent and disclosure mechanisms for all third-party tracking via Google Tag Manager to ensure GDPR compliance.

## Issues Found by AI Testers



### HOME

<p><b>Isabella</b> Usability Tester</p> <p><b>Privacy Preference Center Overlay Issue</b></p> <p>Priority: 8/10 Confidence: 8/10</p> <p>general accessibility WCAG</p> <p><b>Why is this a bug?</b> The 'Privacy Preference Center' overlay might be blocking the ability to navigate the underlying page with keyboard navigation. The overlay should allow keyboard navigation or have a close button that is keyboard accessible. The overlay might prevent users from interacting with the main page content until dismissed, which can be disruptive and violates accessibility guidelines if not implemented correctly. It should be implemented in a way that maintains accessibility and user control.</p> <p><b>Suggested Fix</b> Ensure the 'Privacy Preference Center' overlay is fully keyboard accessible and does not prevent users from navigating the underlying page, and that focus management is properly handled. Add the functionality to use the Esc button to close the overlay. Verify correct ARIA attributes.</p> <p><b>Why Fix This?</b> Accessibility is very important to be WCAG compliant. Without proper keyboard support, and if focus is not properly handled for the overlay, many users will not be able to successfully use the webpage.</p> <p><b>Route To</b> Frontend Developer</p>	<p><b>Adeela</b> Mobile Responsive Tester</p> <p><b>Privacy Preference Center: Missing Content on Mobile</b></p> <p>Priority: 8/10 Confidence: 9/10</p> <p>general responsive</p> <p><b>Why is this a bug?</b> The 'Social Media Cookies' section and the 'Confirm My Choices' button are present in the large browser view but are completely missing in the iPhone view. This means the user cannot fully interact with the privacy settings on mobile, and confirms an important action that can be taken in the desktop view is missing in the mobile view.</p> <p><b>Suggested Fix</b> Ensure that all sections and buttons within the Privacy Preference Center are visible and accessible on all screen sizes. Consider using a scrollable area within the modal if necessary to accommodate all content on smaller screens.</p> <p><b>Why Fix This?</b> Users cannot manage all their privacy preferences, potentially leading to legal and ethical issues regarding data consent. The inability to confirm privacy settings renders the modal partially unusable.</p> <p><b>Route To</b> Frontend Engineer</p>	<p><b>Jason</b> AI Tester</p> <p><b>Failed to load resource: net::ERR_NAME_NOT_RESOLVED</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>network performance</p> <p><b>Why is this a bug?</b> The 'net::ERR_NAME_NOT_RESOLVED' error indicates a DNS resolution failure. This means the browser was unable to find the server associated with the requested resource. This could be due to a typo in the URL, an unavailable server, or a network connectivity issue on the client-side. Regardless, the webpage cannot load the resource, leading to broken functionality and a poor user experience.</p> <p><b>Suggested Fix</b> Investigate the URL of the failed resource. Ensure the server hosting the resource is up and running and accessible. Check DNS configuration. Implement error handling to gracefully handle the resource loading failure and provide informative feedback to the user.</p> <p><b>Why Fix This?</b> Failing to load resources can lead to broken functionality, visual inconsistencies, and a poor user experience, impacting the usability and reliability of the website.</p> <p><b>Route To</b> Frontend Engineer/DevOps</p>
<p><b>Isabella</b> Usability Tester</p> <p><b>Duplicated Content Blocks</b></p> <p>Priority: 7/10 Confidence: 9/10</p> <p>general content</p> <p><b>Why is this a bug?</b> The page contains repeated blocks of content related to the ESSENCE Festival of Culture and Minute Maid/WWE promotion. This duplication can confuse users and negatively impact the user experience. It can also harm SEO.</p> <p><b>Suggested Fix</b> Remove the duplicated content blocks and ensure unique and valuable content is displayed.</p> <p><b>Why Fix This?</b> Redundant content degrades the user experience, making it harder for users to find the information they need quickly.</p> <p><b>Route To</b> Frontend Developer</p>	<p><b>Sharon</b> API and Networking Tester</p> <p><b>Large CSS file size</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>Performance Resource Optimization</p> <p><b>Why is this a bug?</b> The 'theme.css' file (size 822277 bytes) is significantly large. This can increase page load time, especially for users on slower networks or devices. Large CSS files hinder the initial rendering of the page, impacting user experience.</p> <p><b>Suggested Fix</b> Implement CSS minification, code splitting, and potentially PurgeCSS to remove unused CSS rules. Consider using techniques like CSS modules or a CSS-in-JS solution to better manage and optimize styles.</p> <p><b>Why Fix This?</b> Reducing the CSS file size will improve page load time, enhance user experience, and decrease bandwidth consumption.</p> <p><b>Route To</b> Frontend Engineer / Performance Engineer</p> <p><b>Relevant Network Call</b></p> <pre>https://www.coca-cola.com/onep-theme/9d1a3c913a1209e9d51e2d159ee6a19c4ec3e328bee121e0d172638fc165d1/theme.css</pre>	<p><b>Pete</b> Privacy and Security Tester</p> <p><b>Potential Third-Party Tracking via Google Tag Manager without Explicit Consent/Disclosure</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>GDPR Third-Party Tracking</p> <p><b>Data Collection Transparency</b></p> <p><b>Why is this a bug?</b> The network logs show a request to 'https://www.googletagmanager.com/gtm.js?id=GTM-NBWPCZW'. Google Tag Manager allows for the deployment of various tracking scripts and analytics tools. Without clear disclosure of what specific tracking mechanisms are being implemented via GTM, and explicit user consent, the website risks violating GDPR requirements for data collection transparency and user consent. The presence of a cookie consent script ('cdn.cookiecave.org') suggests an attempt to manage consent, but the granular details of GTM's usage need to be transparently presented to the user.</p> <p><b>Suggested Fix</b> Implement a clear and granular consent mechanism that specifically outlines the types of data collected and processed through Google Tag Manager, including the specific third-party services and trackers being deployed. Ensure that the privacy policy comprehensively explains the use of GTM and provides users with the ability to selectively opt-out of different tracking categories.</p> <p><b>Why Fix This?</b> Failure to provide adequate transparency and consent mechanisms for third-party tracking via Google Tag Manager can lead to GDPR violations, damage user trust, and potentially expose the company to legal and reputational risks.</p> <p><b>Route To</b> Privacy Engineer, Front-End Developer, Legal Counsel</p> <p><b>Relevant Network Call</b></p> <pre>https://www.googletagmanager.com/gtm.js?id=GTM-NBWPCZW</pre>
<p><b>Aisha</b> Tester for Missing Aspects</p> <p><b>Low contrast in Privacy Preference Center</b></p> <p>Priority: 7/10 Confidence: 7/10</p> <p>WCAG Usability</p> <p><b>Why is this a bug?</b> The contrast ratio between the text and background within the Privacy Preference Center may be insufficient, failing to meet WCAG AA contrast requirements (1.4.3 Contrast (Minimum)). This could make it difficult for users with low vision to read and interact with the cookie settings.</p> <p><b>Suggested Fix</b> Adjust the text and background colors in the Privacy Preference Center to ensure a contrast ratio of at least 4.5:1 for normal text and 3:1 for large text, as per WCAG guidelines. Use a contrast checker tool (e.g., WebAIM Contrast Checker) to verify compliance.</p> <p><b>Why Fix This?</b> Addresses WCAG 2.1 success criterion 1.4.3 (Contrast (Minimum)) for improved accessibility. Enhances usability for users with low vision, ensuring they can manage their cookie preferences.</p> <p><b>Route To</b> Front-end Engineer/Accessibility Specialist</p>	<p><b>Alejandro</b> Accessibility Tester</p> <p><b>Ambiguous Link Text: Repeated 'Learn More' links without unique context</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>WCAG Links and Buttons Accessibility</p> <p><b>Why is this a bug?</b> The page contains multiple 'Learn More' links that, when read out of context by a screen reader, would be ambiguous. Without surrounding text or 'aria-label' attributes providing context, a screen reader user will not know where each 'Learn More' link leads. This violates WCAG 2.4.4 (Link Purpose (in Context)).</p> <p><b>Suggested Fix</b> Add an 'aria-label' attribute to each 'Learn More' link that describes the destination, or modify the link text to be more descriptive (e.g., 'Learn More about Coca-Cola's Essence Festival Sponsorship', 'Learn More about Minute Maid's WWE Promotion').</p> <p><b>Why Fix This?</b> This change will significantly improve the navigation experience for screen reader users, allowing them to understand the purpose of each link and navigate the page effectively.</p> <p><b>Route To</b> Front-end Developer</p>	

## AI Generated Functional Test Results

**Start Page: HOME**

**Aiden**  
Demo\_Tests

✓ Discover Navigation

This test verifies that the 'Discover' navigation link functions correctly, navigating the user to the appropriate section of the website.

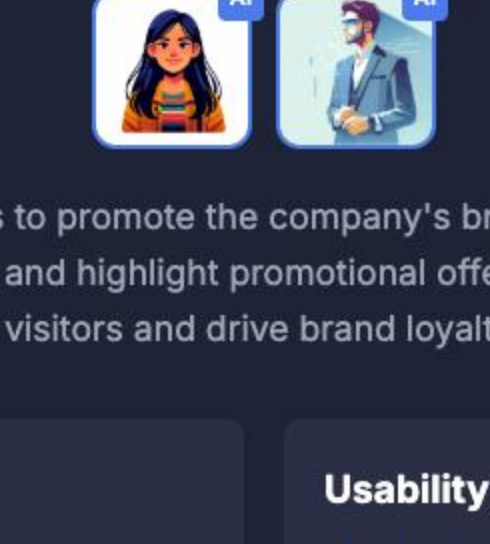
**Search for 'Coke'**

This test verifies the search functionality by searching for a common term 'Coke'. It checks if the search returns relevant results related to the Coca-Cola brand.

✓ Shop Navigation

This test verifies that the 'Shop' navigation link functions correctly, navigating the user to the appropriate section of the website.

## User Persona Feedback Summary



### HOME

The Coca-Cola website serves to promote the company's brands, share its social initiatives, provide a shopping platform, and highlight promotional offers, ultimately aiming to engage visitors and drive brand loyalty.

<p><b>Overall Score</b></p> <p>★★★★★</p> <p>The website effectively presents Coca-Cola's brand portfolio and initiatives. However, some areas could be streamlined for better user experience, such as clearer navigation and more compelling calls to action.</p>	<p><b>Visual Design</b></p> <p>★★★★☆</p> <p>The visuals are appealing and in line with the brand, but there's some redundancy in image usage across sections.</p>	<p><b>Usability</b></p> <p>★★★★☆</p> <p>The site is relatively easy to navigate, but the amount of content on the homepage could be overwhelming. The 'Learn More' links are repetitive and could be replaced with more descriptive calls to action.</p>	<p><b>Content Quality</b></p> <p>★★★★★</p> <p>The content is well-written and informative, showcasing Coca-Cola's diverse offerings and initiatives. However, there is repetition of certain promotional content.</p>
<p><b>Individual User Persona Feedback</b></p>			
<p><b>Alicia Rodriguez, 24</b></p> <p>Persona: Alicia is a recent college graduate working as a marketing assistant. She's active on social media and passionate about cultural events and brand activism.</p> <p><b>Overall Rating</b></p> <p>★★★★★</p> <p><i>As a young Hispanic woman, I am drawn to brands that support cultural events like the ESSENCE Festival. I love seeing Coca-Cola's commitment to diversity and inclusion. I want to see if this company is relevant to my generation.</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>• Explore the ESSENCE Festival promotion</li> <li>• Browse the brand portfolio</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• Showcase Coca-Cola's diversity and inclusion initiatives more prominently.</li> <li>• Incorporate more interactive elements to keep users engaged.</li> <li>• Streamline navigation on the homepage for easier browsing.</li> </ul>	<p><b>David Chen, 35</b></p> <p>Persona: David is a software engineer who enjoys technology and is always looking for new and innovative products. He's interested in how technology can improve everyday life.</p> <p><b>Overall Rating</b></p> <p>★★★★☆</p> <p><i>As a technologist, I'm always looking for new and innovative products. I'm interested in Coca-Cola Freestyle and the +one app, but I'm also concerned about data privacy. I think there are better soda apps available.</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>• Explore Coca-Cola Freestyle</li> <li>• Download the +one app</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• Provide more technical details about Coca-Cola Freestyle and the +one app.</li> <li>• Use more engaging visuals to capture the attention of tech-savvy users.</li> <li>• Clearly communicate Coca-Cola's commitment to data privacy.</li> </ul>		

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