

# AI Test Results from testers.ai

## B

The HOME page of the 'Tata' app reveals a mixed bag of quality. Functionally, it might be doing its job, but the devil is in the details. We're seeing issues like click tracking failures ('AT: metric element not found'), accessibility problems with the 'Skip to Footer' link, an outdated jQuery version raising security flags, and GDPR concerns due to potential third-party tracking. These issues need attention to ensure a smooth and secure user experience.

### Best Aspects

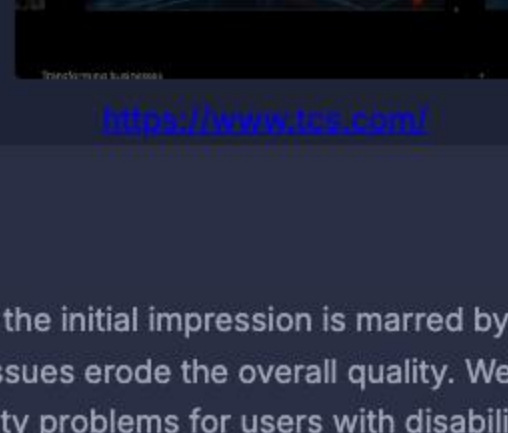
The app seems to be functional at its core, despite the various bugs and design issues.

### Areas for Improvement

Accessibility and security are major pain points on the HOME page, indicating potentially widespread issues.

## Quality Summary

### HOME



[View Details](#)

#### Detailed Analysis

Diving deeper into the HOME page of the 'Tata' app, the initial impression is marred by a concerning number of bugs. While core functionality might be intact, a multitude of smaller issues erode the overall quality. We're seeing accessibility flaws with the 'Skip to Footer' link, and the Cookie Consent Banner, creating usability problems for users with disabilities. Furthermore, tracking failures indicate potential data collection issues, and an outdated jQuery version exposes security vulnerabilities. Performance is also a potential concern, with redundant resources identified.

These issues paint a picture of an app that needs a thorough quality overhaul. While some problems are minor (e.g., Incorrect Copyright Year), others have significant implications for accessibility, security, and user experience. Resolving these bugs should be a top priority to ensure the 'Tata' app meets acceptable quality standards.

#### Key Suggestions

- Conduct a thorough accessibility audit using WCAG guidelines and address all identified issues.
- Update all outdated libraries and frameworks to the latest stable versions.
- Implement a robust security testing strategy to identify and remediate vulnerabilities.
- Optimize resource loading and eliminate redundant resources to improve performance.
- Prioritize addressing the click tracking failures to ensure accurate data collection.

#### Priority Improvements

- Update jQuery to the latest stable version to address security vulnerabilities.
- Implement proper ARIA labels and keyboard navigation support for the 'Skip to Footer' link and other interactive elements to improve accessibility.
- Ensure the Cookie Consent Overlay is fully responsive and meets WCAG guidelines for accessibility.
- Investigate and eliminate redundant resources in /content/dam/tcstop/ to improve page load times.
- Review Adobe DTM configuration to prevent potential third-party tracking violations and ensure GDPR compliance.
- Fix the 'AT: metric element not found' click tracking failure, and other tracking bugs, ensuring accurate data collection and reporting.

## Issues Found by AI Testers



### HOME

<p><b>Adeela</b> Mobile Responsive Tester</p> <p><b>Cookie Consent Overlay Unresponsive</b></p> <p>Priority: 9/10 Confidence: 9/10</p> <p>general WCAG</p> <p><b>Why is this a bug?</b> The cookie consent overlay does not responsively scale down for mobile devices. It takes up almost the entire screen, obscuring the content behind it and potentially making it difficult or impossible for users to navigate or interact with the site. The overlay should adapt to the screen size to ensure the content is still accessible.</p> <p><b>Suggested Fix</b> Implement CSS media queries to ensure the cookie consent overlay scales properly on mobile devices. Consider using a responsive modal or adjusting the overlay's size and positioning to fit within the viewport without completely obscuring the content behind it.</p> <p><b>Why Fix This?</b> The non-responsive cookie consent overlay significantly impacts the user experience on mobile devices, potentially driving users away from the website. Additionally, it might conflict with accessibility guidelines, where content should remain accessible even with overlays.</p> <p><b>Route To</b> Front-end engineer</p>	<p><b>Sophia</b> Content Tester</p> <p><b>Incorrect Copyright Year</b></p> <p>Priority: 8/10 Confidence: 9/10</p> <p>General</p> <p><b>Why is this a bug?</b> The copyright notice at the bottom of the page displays '©2025 TATA Consultancy Services Limited'. This is incorrect as the current year is 2025.</p> <p><b>Suggested Fix</b> Update the copyright notice to reflect the correct year: 2025.</p> <p><b>Why Fix This?</b> Using the wrong year in the copyright notice makes the site look outdated and unprofessional.</p> <p><b>Route To</b> Web Developer</p>	<p><b>Sharon</b> API and Networking Tester</p> <p><b>Outdated jQuery Version</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>general security</p> <p><b>Why is this a bug?</b> The website is loading jQuery from 'https://www.tcs.com/content/dam/tcstop/jqu/ServingjQuery from a 'content/dam' directory, instead of a dedicated library directory, is unusual and suggests it might be an older, unmanaged version. Using outdated libraries can introduce known security vulnerabilities and compatibility issues with newer browsers and other libraries.</p> <p><b>Suggested Fix</b> Investigate the version of jQuery being served from '/content/dam/tcstop/jquery.min.js'. If it's outdated, replace it with the latest stable version from a reputable CDN or host it from a dedicated library directory. Implement a process for regularly updating third-party libraries to address security vulnerabilities.</p> <p><b>Why Fix This?</b> Updating jQuery to the latest version mitigates known security vulnerabilities, improves compatibility with modern browsers and libraries, and enhances website performance.</p> <p><b>Route To</b> Front-end Engineer / Security Engineer</p> <p><b>Relevant Network Call</b> https://www.tcs.com/content/dam/tcstop/jquery.min.js</p>
<p><b>Jason</b> AI Tester</p> <p><b>AT: metric element not found - Click tracking failure</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>analytics tracking functionality</p> <p><b>Why is this a bug?</b> The console logs repeatedly show 'AT: metric element not found' errors. This indicates that the application is unable to locate specific elements (identified by CSS selectors) when attempting to track click events. The presence of 'eventToken' suggests that tracking is intended to occur, and the inability to locate the elements signifies a misconfiguration or a problem with the element structure on the page. This will prevent the analytics system from accurately capturing user interactions.</p> <p><b>Suggested Fix</b> Investigate the implementation of the analytics tracking code. Ensure that the CSS selectors used to identify the elements are correct and robust. Verify that the elements are consistently present on the page when tracking is initiated. Implement error handling to gracefully manage cases where elements are not found, and potentially retry tracking initialization. Consider using more reliable element selection methods or event delegation.</p> <p><b>Why Fix This?</b> Inaccurate click tracking leads to skewed analytics data, making it difficult to understand user behavior and optimize the user experience. Incorrect data can result in poor decision-making regarding website design, content placement, and marketing strategies.</p> <p><b>Route To</b> Front-end engineer and/or Analytics engineer</p>	<p><b>Aisha</b> Tester for Missing Aspects</p> <p><b>Cookie Consent Banner Accessibility Issues</b></p> <p>Priority: 8/10 Confidence: 9/10</p> <p>WCAG Usability</p> <p><b>Why is this a bug?</b> The cookie consent banner appears to obscure a significant portion of the page content, potentially causing usability issues for users trying to access information before interacting with the banner. Furthermore, the size and contrast of the options presented might not meet accessibility guidelines, making it difficult for users with visual impairments to understand and interact with the banner efficiently. The text may not scale well on smaller screens.</p> <p><b>Suggested Fix</b> Ensure the cookie consent banner is designed to be non-intrusive and does not completely block access to the primary page content. Implement clear visual hierarchy with sufficient contrast and text scaling for accessibility.</p> <p><b>Why Fix This?</b> Addresses WCAG guidelines and improves overall user experience, ensuring everyone, including users with disabilities, can easily access the website's content. This will meet the regulatory requirements.</p> <p><b>Route To</b> Front-end Engineer, Accessibility Specialist</p>	<p><b>Pete</b> Privacy and Security Tester</p> <p><b>Potential Third-Party Tracking Violation due to Adobe DTM</b></p> <p>Priority: 7/10 Confidence: 8/10</p> <p>GDPR Third-Party Tracking</p> <p><b>Why is this a bug?</b> The webpage includes Adobe DTM (Adobe Dynamic Tag Management), indicated by the network request to 'https://assets.adobedtm.com/54b495b4a932896a39c0a8e2.min.js'. Without clear consent and transparency about the data collected and shared via this tag manager, there's a potential violation of GDPR and user privacy. The console logs also show numerous 'AT: metric element not found' errors, suggesting misconfiguration or issues with Adobe Target integration which is used for tracking user behavior. This indicates a likely problem with configured tracking mechanisms. Furthermore, the inclusion of 'cdn.cookieiaw.org/scripttemplates/otSDKStub' suggests the website is attempting to handle cookies and user consent, but the Adobe Target errors could indicate this is not correctly configured, and tracking may be occurring without proper consent.</p> <p><b>Suggested Fix</b> Implement proper consent management for Adobe DTM and Adobe Target, ensuring users are informed about the data being collected, its purpose, and have the ability to opt-out. Audit the Adobe Target configuration to resolve the metric element errors and ensure it's functioning as intended and compliant with GDPR. Review the privacy policy to reflect all data collection practices accurately.</p> <p><b>Why Fix This?</b> Failure to properly manage third-party tracking through Adobe DTM and Adobe Target can lead to GDPR violations, resulting in significant fines and reputational damage. It also erodes user trust.</p> <p><b>Route To</b> Privacy Engineer/Web Analytics Engineer</p> <p><b>Relevant Network Call</b> https://assets.adobedtm.com/54b495b4a932896a39c0a8e2.min.js</p>

## AI Generated Functional Test Results

**Start Page: HOME**

**Aiden**  
Demo\_Tests

Search for valid term then delete term

Test searching for a valid term, and then deleting this term to test the expected behavior. It is important to ensure the application does not crash and goes back to an expected state like a clean search box or a default search page

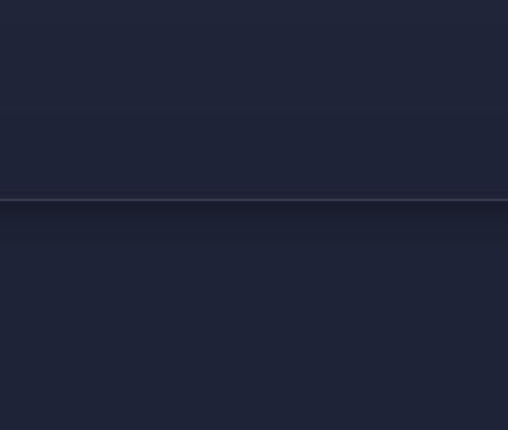

### ✓ Navigate to 'Insights' Menu

This test verifies that the 'insights' menu is accessible and navigates to the appropriate section.


### ✓ Navigate to 'TCS Worldwide' Menu

This test verifies that the 'TCS Worldwide' menu is accessible and navigates to the appropriate section.


## User Persona Feedback Summary



### HOME



The webpage serves as the main landing page for Tata Consultancy Services (TCS), aiming to provide information about the company's services, industries served, products, insights, and career opportunities to attract potential clients, investors, and employees.

<p><b>Overall Score</b></p> <p>★★★★☆</p> <p>The website presents TCS as a global leader in IT services and consulting. While visually appealing, the large amount of information on the homepage can be overwhelming. Navigational improvements and more targeted content delivery could enhance the user experience.</p>	<p><b>Visual Design</b></p> <p>★★★★☆</p> <p>The website looks sleek and professional, the images are high-quality and relevant. However, there's a lot happening visually, which can be distracting.</p>	<p><b>Usability</b></p> <p>★★★★☆</p> <p>The site offers a lot of information but finding specific content can be difficult. Improving the search functionality and simplifying the navigation would be beneficial.</p>	<p><b>Content Quality</b></p> <p>★★★★☆</p> <p>The content is comprehensive, covering a wide range of services and industries. However, it could be more tailored to specific user needs and interests.</p>
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### Individual User Persona Feedback

<p><b>Aisha Patel, 28</b></p> <p>Persona:Aisha is a software engineer with 3 years of experience, currently working at a mid-sized tech company. She is looking for new job opportunities in companies with innovative projects and a strong focus on employee development.</p> <p><b>Overall Rating</b> ★★★★☆</p> <p><i>As a software engineer, I was looking for more information on the types of projects and teams I could be a part of. The site looks modern, but it took me a while to find the specific job listings and project details I was interested in.</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>Explore career opportunities</li> <li>Read about AI and cloud services</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>Improve the job search function</li> <li>Add employee testimonials to the career section</li> </ul>	<p><b>Robert Miller, 55</b></p> <p>Persona:Robert is a CFO at a large manufacturing company. He is interested in digital transformation and automation to improve efficiency and reduce costs.</p> <p><b>Overall Rating</b> ★★★★☆</p> <p><i>As a CFO, I'm interested in how TCS can help us improve our operations through digital transformation. The site has a lot of information, but it's not always easy to find what I'm looking for.</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>Read about TCS's manufacturing solutions</li> <li>Explore case studies on digital transformation</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>Improve the search function to find industry-specific solutions</li> <li>Add detailed case studies with financial outcomes</li> </ul>	<p><b>Eva Rodriguez, 32</b></p> <p>Persona:Eva is a marketing manager at a retail company. She is interested in learning about innovative marketing solutions and customer intelligence platforms to enhance customer loyalty and drive growth.</p> <p><b>Overall Rating</b> ★★★★☆</p> <p><i>I'm always on the lookout for innovative marketing solutions. TCS's website provides a ton of information on customer intelligence and data analytics, which is exactly what I need. The site is visually appealing and easy to navigate, making it a great resource for learning about new technologies.</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>Explore TCS's customer intelligence platform</li> <li>Read about retail solutions</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>Implement personalized content recommendations based on user interests</li> <li>Add interactive demos of the customer intelligence platform</li> </ul>
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