

AI Test Results from testers.ai



The 'QuickTakes' app has a concerning number of issues on the HOME page. Multiple security flaws related to password fields not being properly contained within forms pose a significant risk. Accessibility is also severely lacking, with missing labels for form inputs and a missing language attribute. Performance is also a concern due to the large JavaScript bundle size and the reported failure to load resources. There's also an outstanding issue related to Third-Party Tracking without Explicit Consent (Google Tag Manager).

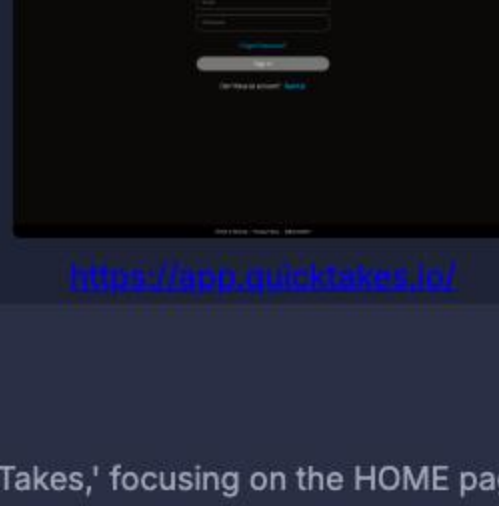
Best Aspects

Honestly, based on this data, it's hard to find a 'best' aspect of the HOME page. However, the fact that these issues "were" identified means there's at least "some" level of internal oversight.

Areas for Improvement

The combination of security vulnerabilities, accessibility failings, and performance problems on the HOME page is the absolute worst. It shows a lack of attention to fundamental quality aspects.

Quality Summary



<https://app.quicktakes.io/>

Detailed Analysis

Okay, let's break down the quality situation of 'QuickTakes,' focusing on the HOME page. The sheer number of issues identified is worrisome. The multiple instances of password fields not being correctly enclosed in forms represent serious security vulnerabilities that need immediate patching. Beyond security, accessibility is a major letdown. Missing labels for form inputs render the app difficult, if not impossible, for users with disabilities to navigate. The absence of a language attribute further degrades the experience for international users.

Performance-wise, the app is also struggling. The 'Failed to Load Resource' errors and the large JavaScript bundle size point to optimization opportunities that can significantly improve load times and responsiveness. Addressing these issues is crucial to providing a smooth and engaging user experience. Finally, the 'Third-Party Tracking without Explicit Consent (Google Tag Manager)' issue is a serious GDPR violation, potentially exposing the app and its users to legal repercussions.

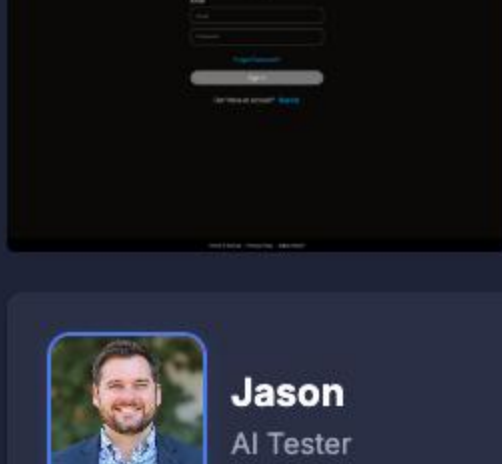
Key Suggestions

- Conduct a thorough security audit to identify and remediate all vulnerabilities, prioritizing password-related issues.
- Implement accessibility best practices throughout the app, focusing on providing labels for all form inputs and ensuring proper language attribute usage.
- Optimize the JavaScript bundle size to improve initial load time and responsiveness.
- Implement a robust process for obtaining explicit user consent before enabling third-party tracking.
- Establish a formal code review process to catch these basic errors before they make it to production.
- Establish automated testing to find these issues quicker.

Priority Improvements

- Immediately enclose all password fields within proper form elements to address critical security vulnerabilities (OWASP top 10).
- Implement proper labeling for all form inputs (email, password, etc.) to meet WCAG accessibility guidelines.
- Reduce the JavaScript bundle size through code splitting, minification, and lazy loading to improve initial load time and overall performance.
- Ensure explicit user consent is obtained before enabling third-party tracking via Google Tag Manager to comply with GDPR.
- Fix all instances of 'Incorrect Copyright Year' on the HOME page (a simple content update).

Issues Found by AI Testers



HOME



Jason
AI Tester

Failed to Load Resource (Name Not Resolved)

Priority: 7/10 Confidence: 8/10

network performance availability

Why is this a bug?

Multiple instances of 'Failed to load resource: net::ERR_NAME_NOT_RESOLVED' indicate that the application is trying to access resources at domain names that cannot be resolved. This results in broken functionality or missing content.

Suggested Fix

Investigate the URLs that are failing to load. Check DNS configuration, server availability, and network connectivity. Ensure that the URLs are correctly configured within the application.

Why Fix This?

Fixing this resolves broken functionality and ensures the application can access necessary resources, leading to a better user experience.

Route To

Backend Engineer / DevOps Engineer



Pete
Privacy and Security Tester

Third-Party Tracking without Explicit Consent (Google Tag Manager)

Priority: 7/10 Confidence: 8/10

GDPR Third-Party Tracking

Why is this a bug?

The network logs show a request to 'www.googletagmanager.com/gtag/js?id=GTM-TQ4CMXKH'. This indicates the use of Google Tag Manager, which enables third-party tracking. Without explicit user consent collected via a consent management platform or similar mechanism, this violates GDPR and general privacy best practices.

Suggested Fix

Implement a consent management platform (CMP) to obtain explicit user consent before loading any third-party tracking scripts like Google Tag Manager. Ensure users can granularly control their consent preferences and withdraw consent easily.

Why Fix This?

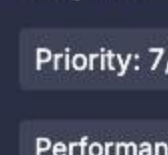
Failure to obtain proper consent for third-party tracking violates GDPR, CCPA, and other privacy regulations, potentially leading to fines and reputational damage.

Route To

Frontend Engineer, Legal/Compliance Team

Relevant Network Call

<https://www.googletagmanager.com/gtag/js?id=GTM-TQ4CMXKH>



Sharon
API and Networking Tester

Large JavaScript Bundle Size

Priority: 7/10 Confidence: 7/10

Performance

Why is this a bug?

The 'main.45aebdf1.js' file has a payload size of 8220984 bytes (approximately 8.2MB). This is a very large JavaScript bundle, which can significantly increase page load time and negatively impact user experience, especially on slower networks or devices.

Suggested Fix

Investigate the JavaScript bundle and identify opportunities for code splitting, tree shaking, and minification to reduce its size. Consider lazy loading non-critical modules. Analyze dependencies to identify and remove any unnecessary code.

Why Fix This?

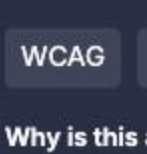
Reducing the size of the main JavaScript bundle will improve page load time, reduce bandwidth consumption, and enhance the overall user experience. It will also contribute to better SEO and accessibility.

Route To

Frontend Engineer

Relevant Network Call

<https://app.quicktakes.io/static/js/main.45aebdf1.js>



Aisha
Tester for Missing Aspects

Missing Labels for Form Inputs

Priority: 7/10 Confidence: 8/10

WCAG Accessibility

Why is this a bug?

The email and password input fields appear to rely on placeholder text for labels, which disappears when the user starts typing. This violates WCAG 2.1 success criterion 3.3.2 (Labels or Instructions) and 1.3.1 (Info and Relationships) because it makes the form difficult for users with cognitive impairments and screen reader users to understand the purpose of each field.

Suggested Fix

Implement proper labels for the email and password input fields. Either use visible labels positioned above the input fields or associate labels with the input fields using the 'for' attribute and the input 'id' attribute. Ensure assistive technologies can properly associate the labels with the correct input fields.

Why Fix This?

Addresses WCAG compliance and significantly improves usability, especially for users with disabilities.

Route To

Frontend Engineer

AI Generated Functional Test Results

Start Page: HOME



Aiden
Demo_Tests

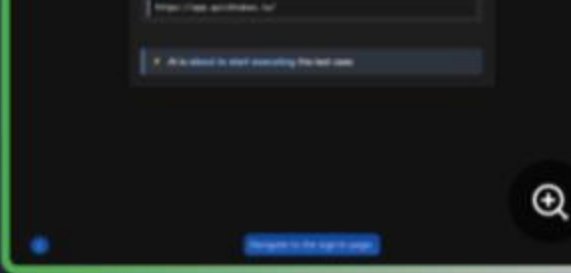
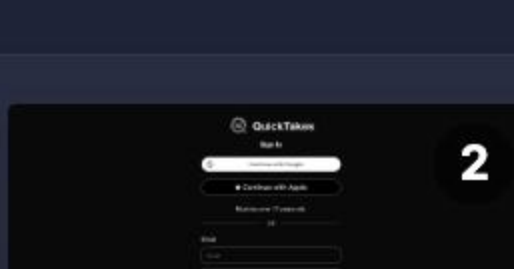
Click Forgot Password Link

Test clicking the 'Forgot Password?' link. The test is that this link correctly takes user to password reset page. The test confirms navigation to the password reset flow is working.



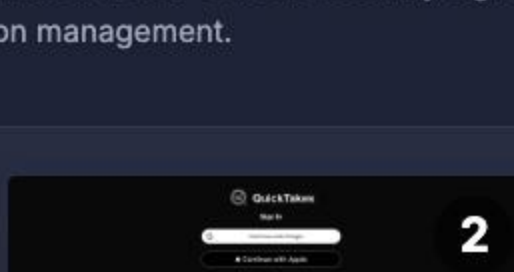
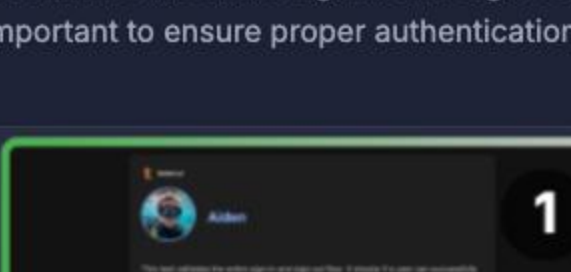
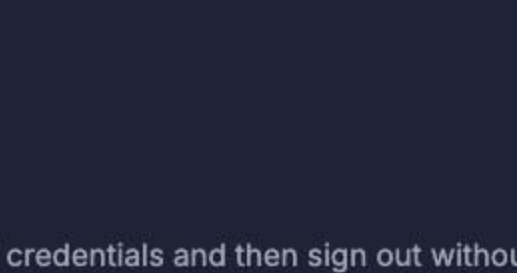
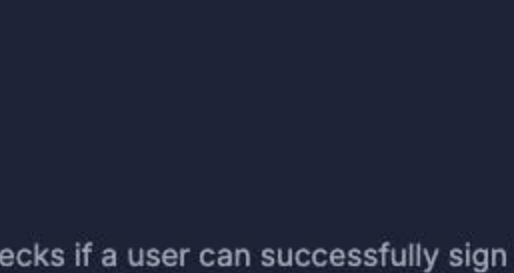
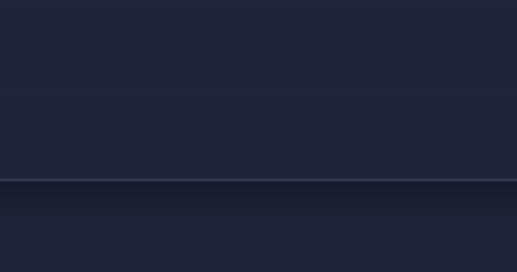
Sign in with valid email and incorrect password

This test verifies the system's response when a user attempts to sign in with a valid email but an incorrect password. It is testing authentication failure and whether the system alerts the user that the password does not match what is on file for that email address.

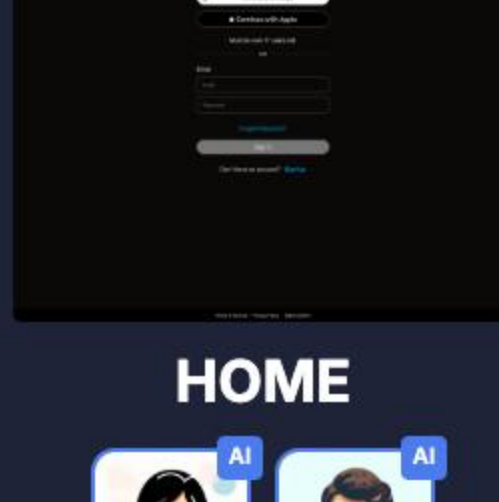


Successful Sign In then Sign Out

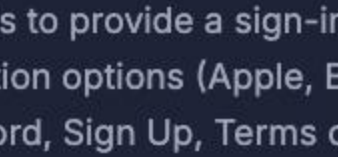
This test validates the entire sign-in and sign-out flow. It checks if a user can successfully sign in with valid credentials and then sign out without any errors. This is important to ensure proper authentication and session management.



User Persona Feedback Summary

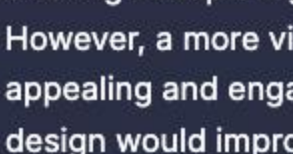


HOME



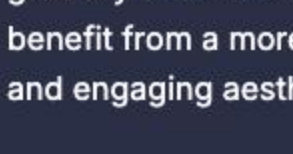
The primary purpose of this page is to provide a sign-in portal for a service by Edkey. It offers multiple authentication options (Apple, Email) and access to account-related functions (Forgot Password, Sign Up, Terms of Service, Privacy Policy).

Overall Score



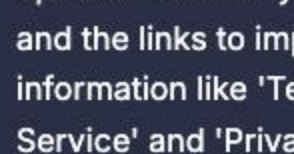
The sign-in page is straightforward and functional, offering multiple login options. However, a more visually appealing and engaging design would improve the user experience. The site's accessibility score could be improved with better contrast and clearer navigation.

Visual Design



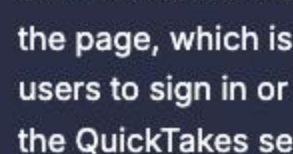
The visual design is quite basic and doesn't immediately grab my attention. It could benefit from a more modern and engaging aesthetic.

Usability



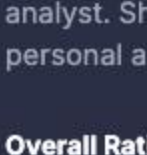
The site is easy to navigate and understand. The sign-in options are clearly presented, and the links to important information like 'Terms of Service' and 'Privacy Policy' are readily accessible.

Content Quality



The content is concise and to the point. It clearly communicates the purpose of the page, which is to allow users to sign in or sign up for the QuickTakes service.

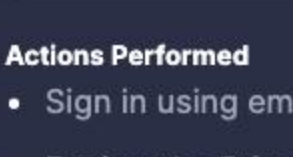
Individual User Persona Feedback



Alice Chen, 24

Persona: Alice is a recent college graduate working as a junior marketing analyst. She's tech-savvy and frequently uses web applications for both personal and professional tasks.

Overall Rating



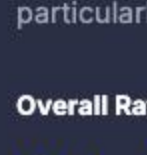
As a young professional, I appreciate the straightforward design and clear sign-in options. I find the page easy to navigate, but I wish there was a little more visual flair to make it more engaging.

Actions Performed

- Sign in using email
- Review the Privacy Policy

Suggestions

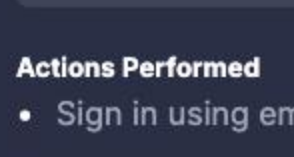
- Add more visually appealing elements to the design.
- Include a brief description of the QuickTakes service on the sign-in page.
- Improve color contrast for better accessibility.



Bob Johnson, 55

Persona: Bob is a project manager with a background in engineering. He is not particularly tech-savvy and prefers straightforward, easy-to-use applications.

Overall Rating



As someone who isn't very tech-savvy, I find the sign-in page straightforward, which is good. But I don't feel like the site is particularly friendly or engaging. It could be improved with more explanation of features and simpler design.

Actions Performed

- Sign in using email
- Check Terms of Service

Suggestions

- Add more detailed information about the QuickTakes service.
- Include clearer instructions and tooltips for new users.
- Improve the overall visual design to be more engaging.