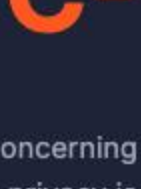


# AI Test Results from testers.ai



The 'Fuse' app, particularly its HOME page, exhibits concerning quality deficits. Multiple CORS policy violations indicate serious network security vulnerabilities. Data privacy is compromised through unconsented Google Analytics tracking and the exposure of User IDs in AWS endpoints, raising GDPR compliance alarms. Moreover, accessibility is severely hampered by missing labels and insufficient text contrast, violating WCAG guidelines. These issues collectively portray an app with substantial quality shortcomings.

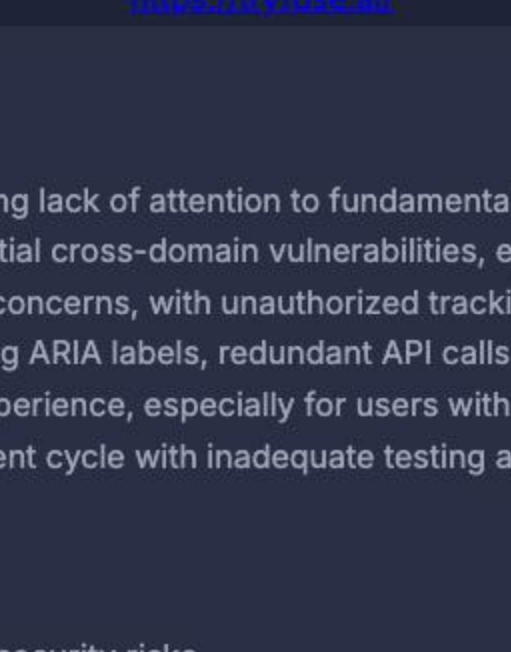
## Best Aspects

While the app has significant issues, it demonstrates an attempt to provide user interaction through features like the 'GET IN TOUCH' section, indicating some focus on user engagement even if poorly implemented.

## Areas for Improvement

The app's worst aspects are its blatant security vulnerabilities due to CORS policy violations, GDPR compliance failures related to unauthorized data collection, and accessibility issues stemming from missing ARIA labels and insufficient text contrast.

## Quality Summary



HOME AI Tester

### Detailed Analysis

The 'Fuse' app's HOME page demonstrates a worrying lack of attention to fundamental quality attributes. Several CORS policy violations point to critical security misconfigurations and potential cross-domain vulnerabilities, exposing the app to malicious attacks. The app's data collection practices raise serious GDPR compliance concerns, with unauthorized tracking and the transmission of User IDs without explicit consent. From an accessibility standpoint, the missing ARIA labels, redundant API calls, and contrast issues clearly show a disregard for inclusive design principles, indicating a poor user experience, especially for users with disabilities. Overall, the HOME page's numerous bugs and vulnerabilities suggest a rushed development cycle with inadequate testing and security measures.

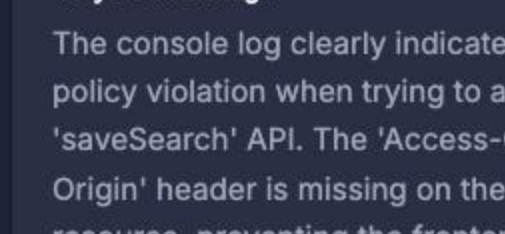
### Key Suggestions

- Prioritize fixing CORS policy violations to mitigate security risks.
- Implement robust data privacy measures to comply with GDPR regulations.
- Enhance accessibility by incorporating ARIA labels and improving text contrast.
- Eliminate redundant API calls to improve app performance.
- Conduct comprehensive security and accessibility audits to identify and remediate further issues.

### Priority Improvements

1. Implement proper CORS configuration to prevent cross-origin vulnerabilities by setting the correct Access-Control-Allow-Origin header.
2. Remove or anonymize User IDs in AWS endpoint data transmission to address GDPR concerns, using hashed or tokenized identifiers.
3. Add explicit consent mechanisms for Google Analytics tracking to comply with GDPR guidelines by implementing a consent banner.
4. Implement ARIA labels for all form input fields in the 'GET IN TOUCH' section to improve accessibility by clearly marking input fields for screen readers.
5. Increase text contrast in footer links to meet WCAG guidelines by ensuring a contrast ratio of at least 4.5:1 for normal text.

## Issues Found by AI Testers



HOME

**Jason** AI Tester

**CORS Policy Violation - saveSearch API**

Priority: 8/10 Confidence: 9/10

network security

**Why is this a bug?**

The console log clearly indicates a CORS policy violation when trying to access the 'saveSearch' API. The 'Access-Control-Allow-Origin' header is missing on the requested resource, preventing the frontend from successfully fetching data. This is a critical bug as it directly impacts the application's ability to save searches.

**Suggested Fix**

Configure the 'saveSearch' API endpoint on the server (mx4u2dq8i9.execute-api.us-east-1.amazonaws.com) to include the 'Access-Control-Allow-Origin' header with the appropriate origin (https://tryfuse.ai) or "\*" if all origins are allowed (though this is less secure).

**Why Fix This?**

Failing to fix the CORS issue will prevent users from saving searches, severely impacting the user experience and key functionality.

**Route To**

Backend Engineer, DevOps Engineer

**Jason** AI Tester

**CORS Policy Violation - getLandingPageInfo API**

Priority: 8/10 Confidence: 9/10

network security

**Why is this a bug?**

Similar to the 'saveSearch' API issue, a CORS policy violation is occurring when attempting to fetch data from the 'getLandingPageInfo' API. The missing 'Access-Control-Allow-Origin' header prevents the frontend from accessing landing page information. This is a critical bug because it affects a core functionality of the application.

**Suggested Fix**

Configure the 'getLandingPageInfo' API endpoint on the server (mx4u2dq8i9.execute-api.us-east-1.amazonaws.com) to include the 'Access-Control-Allow-Origin' header with the appropriate origin (https://tryfuse.ai) or "\*" if all origins are allowed (though this is less secure).

**Why Fix This?**

Failure to fix this will prevent users from viewing essential landing page information, which is a crucial part of the application.

**Route To**

Backend Engineer, DevOps Engineer

**Jason** AI Tester

**Resource Loading Failure (404 Not Found)**

Priority: 7/10 Confidence: 8/10

network content

**Why is this a bug?**

A 404 error indicates that the requested resource was not found on the server. This could be due to a broken link, incorrect URL, or the resource simply not existing. This is commonly an indication of a bug in the way the system is setup.

**Suggested Fix**

Verify the URL being requested. Ensure the resource exists on the server and that the URL is correct. Update any broken links.

**Why Fix This?**

Prevents the loading of necessary resources, potentially breaking functionality.

**Route To**

Frontend Engineer, Backend Engineer

**Pete** Privacy and Security Tester

**Data Collection via Google Analytics without explicit consent**

Priority: 7/10 Confidence: 8/10

GDPR Data Collection Transparency

**Why is this a bug?**

The page initiates a POST request to 'https://www.google-analytics.com/g/collect' without any visible consent mechanism. This collects user data for analytics purposes, violating GDPR if users haven't explicitly consented to this data collection.

**Suggested Fix**

Implement a cookie consent banner that allows users to opt-in to analytics tracking before any data is sent to Google Analytics.

**Why Fix This?**

Failure to obtain user consent for data collection violates GDPR and can lead to legal repercussions.

**Route To**

Frontend Engineer, Legal Counsel

**Relevant Network Call**

https://www.google-analytics.com/g/collect

**Jason** AI Tester

**Resource Loading Failure (ERR\_NAME\_NOT\_RESOLVED)**

Priority: 7/10 Confidence: 8/10

network

**Why is this a bug?**

The error 'net:ERR\_NAME\_NOT\_RESOLVED' indicates a DNS resolution failure. This means the browser was unable to resolve the hostname of the resource being requested. This could indicate a misconfigured DNS setting or an issue with the server hosting the resource.

**Suggested Fix**

Investigate DNS configuration. Ensure the hostname is correctly configured and reachable. Monitor the resource availability.

**Why Fix This?**

Prevents the loading of necessary resources, potentially breaking functionality.

**Route To**

DevOps Engineer, Network Engineer

**Isabella** Usability Tester

**Missing Labels for Input Fields in 'GET IN TOUCH' Section**

Priority: 8/10 Confidence: 8/10

WCAG Form Accessibility

**Why is this a bug?**

The input fields in the 'GET IN TOUCH' section (First Name, Last Name, Email, Phone, Company, Website) lack associated labels. While placeholders are present, these disappear when the user begins typing, and are not sufficient for accessibility as they do not meet WCAG 2.1 success criteria. Users of screen readers will have difficulty understanding the purpose of each field. Also, users with cognitive disabilities may have difficulty understanding the form fields.

**Suggested Fix**

Add proper '<label>' elements associated with each input field using the 'for' attribute, or use 'aria-label' or 'aria-labelledby' attributes to provide accessible names for the input fields.

**Why Fix This?**

Fixing this will significantly improve the accessibility and usability of the form, making it easier for all users, including those using screen readers or with cognitive impairments, to understand and complete the form.

**Route To**

Frontend Engineer

**Adeela** Mobile Responsive Tester

**Navigation Bar Missing**

Priority: 7/10 Confidence: 9/10

general

**Why is this a bug?**

The top navigation bar (containing 'Pricing', 'Product', 'Resources', 'Login', and 'Book A Demo') is completely absent in the mobile view. This removes core navigation options for mobile users.

**Suggested Fix**

Implement a responsive navigation menu (e.g., hamburger menu) that displays all navigation options on smaller screens.

**Why Fix This?**

Lack of navigation makes the mobile site difficult to use, severely impacting user experience and potentially leading to lost conversions.

**Route To**

Frontend Engineer

**Alejandro** Accessibility Tester

**Missing Labels for Form Input Fields**

Priority: 7/10 Confidence: 8/10

WCAG Accessible Forms

**Why is this a bug?**

The input fields in the 'GET IN TOUCH' form (First Name, Last Name, Email, etc.) appear to be missing explicitly associated labels. While placeholders are present, they disappear when the user begins typing, which hinders accessibility for users with cognitive impairments or those using screen readers. This violates WCAG 2.1 Success Criterion 3.3.2: Labels or Instructions.

**Suggested Fix**

Associate each input field with a '<label>' element using the 'for' attribute, linking it to the input's 'id'. Ensure the labels remain visible even when the input field is focused or contains text. Consider using visually hidden labels for aesthetic reasons while maintaining accessibility.

**Why Fix This?**

Missing labels make forms difficult to understand and navigate for users with disabilities, especially those using screen readers or those with cognitive difficulties. Clear labels are essential for form accessibility.

**Route To**

Front-end Developer

**Abdul** Privacy and Security Tester

**CORS Policy Violation - Missing Access-Control-Allow-Origin Header**

Priority: 7/10 Confidence: 8/10

OWASP Security Misconfiguration

Cross-Domain Issues

**Why is this a bug?**

The console logs show that requests to 'https://mx4u2dq8i9.execute-api.us-east-1.amazonaws.com/prod/kompass\_search/save' and 'https://mx4u2dq8i9.execute-api.us-east-1.amazonaws.com/prod/analytica/getLandingPageInfo?credentialFilter=THIS\_MONTH' are being blocked due to missing 'Access-Control-Allow-Origin' headers. This indicates a server-side misconfiguration that prevents cross-origin requests from the application's origin (https://tryfuse.ai). This can potentially lead to data exposure if an attacker can bypass the CORS restrictions, or it can simply break expected functionality.

**Suggested Fix**

Configure the server hosting the API endpoints ('https://mx4u2dq8i9.execute-api.us-east-1.amazonaws.com') to include the 'Access-Control-Allow-Origin' header in the response. Depending on the user experience requirements, this could be set to "\*" (allowing all origins, not recommended for sensitive data) or specifically to 'https://tryfuse.ai'.

**Why Fix This?**

Failing to fix this could lead to broken functionality for the application, as it cannot retrieve necessary data from the API. In a worst-case scenario, a misconfigured CORS policy can be exploited by attackers to perform actions on behalf of users without their knowledge.

**Route To**

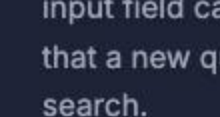
Backend Engineer/DevOps

**Relevant Network Call**

N/A

## AI Generated Functional Test Results

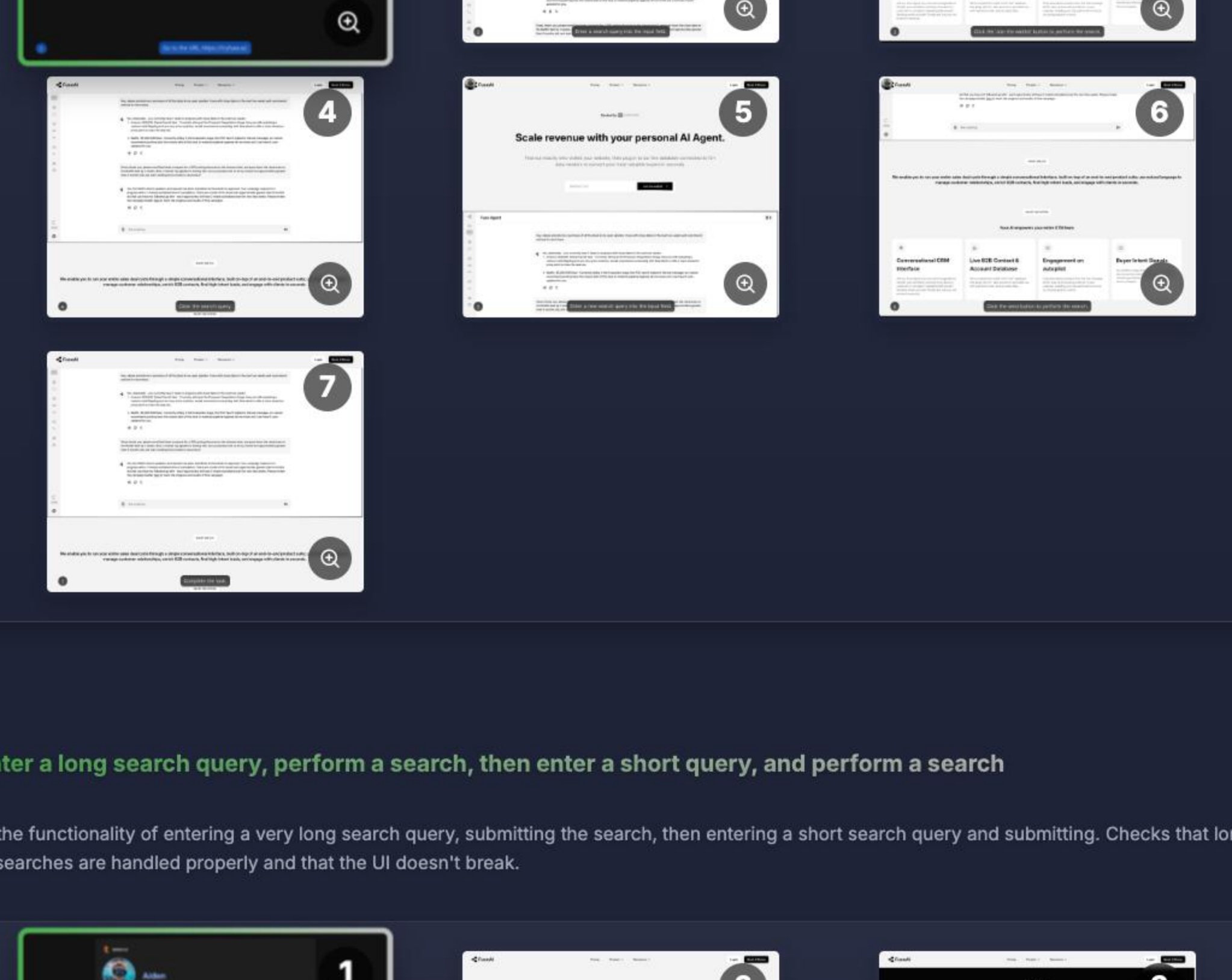
Start Page: HOME



Alden Demo\_Tests

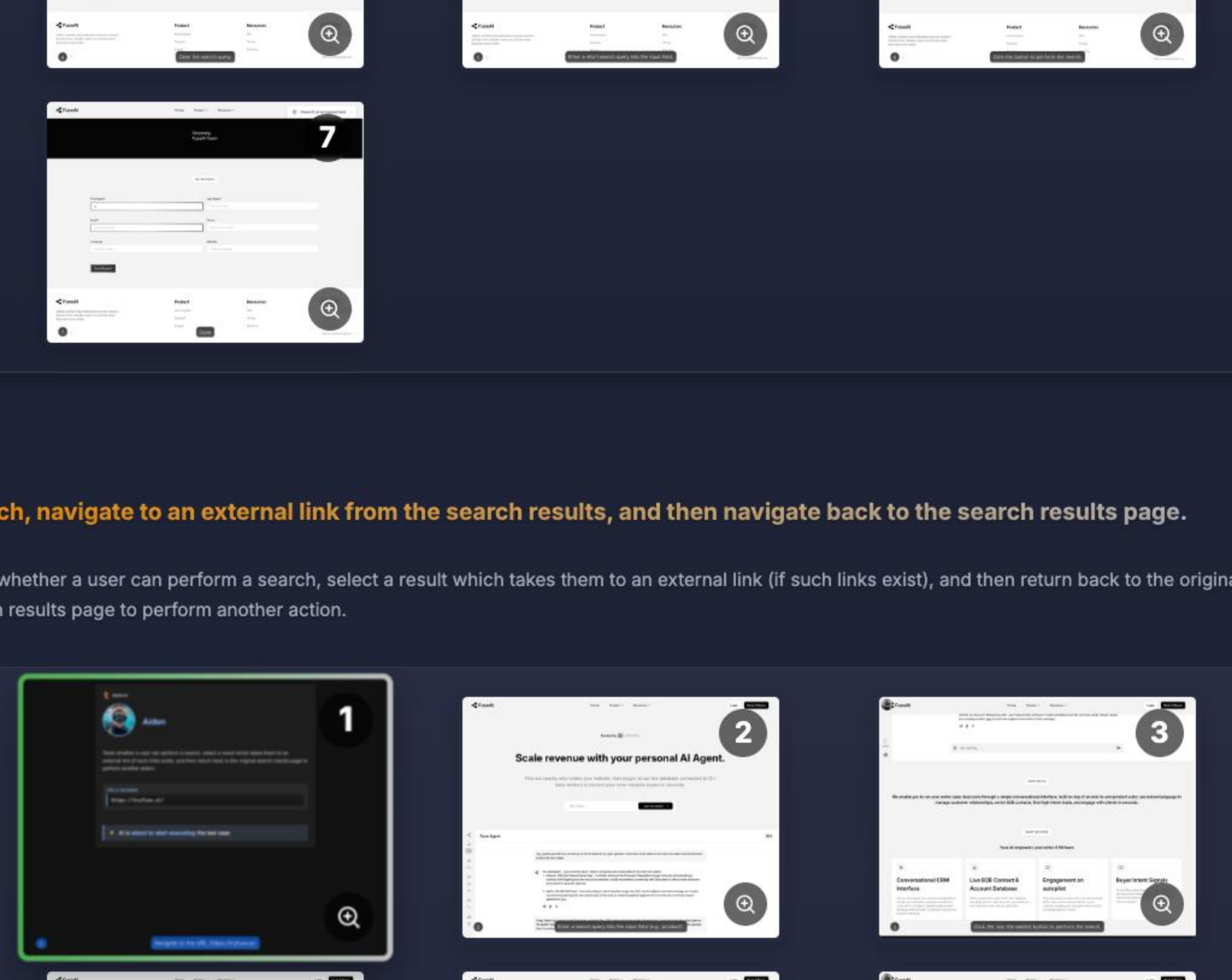
✓ Enter a search query and perform a search, then clear it and enter a new query

Tests the functionality of entering a search query in the input field and performing a search, then clearing it and entering a new query. It verifies that the input field can accept text input, that the search functionality works as expected, that the clear functionality works as expected, clearing the input field, and that a new query can be entered. This is important to ensure that the search functionality is usable and that users can easily correct mistakes or start a new search.



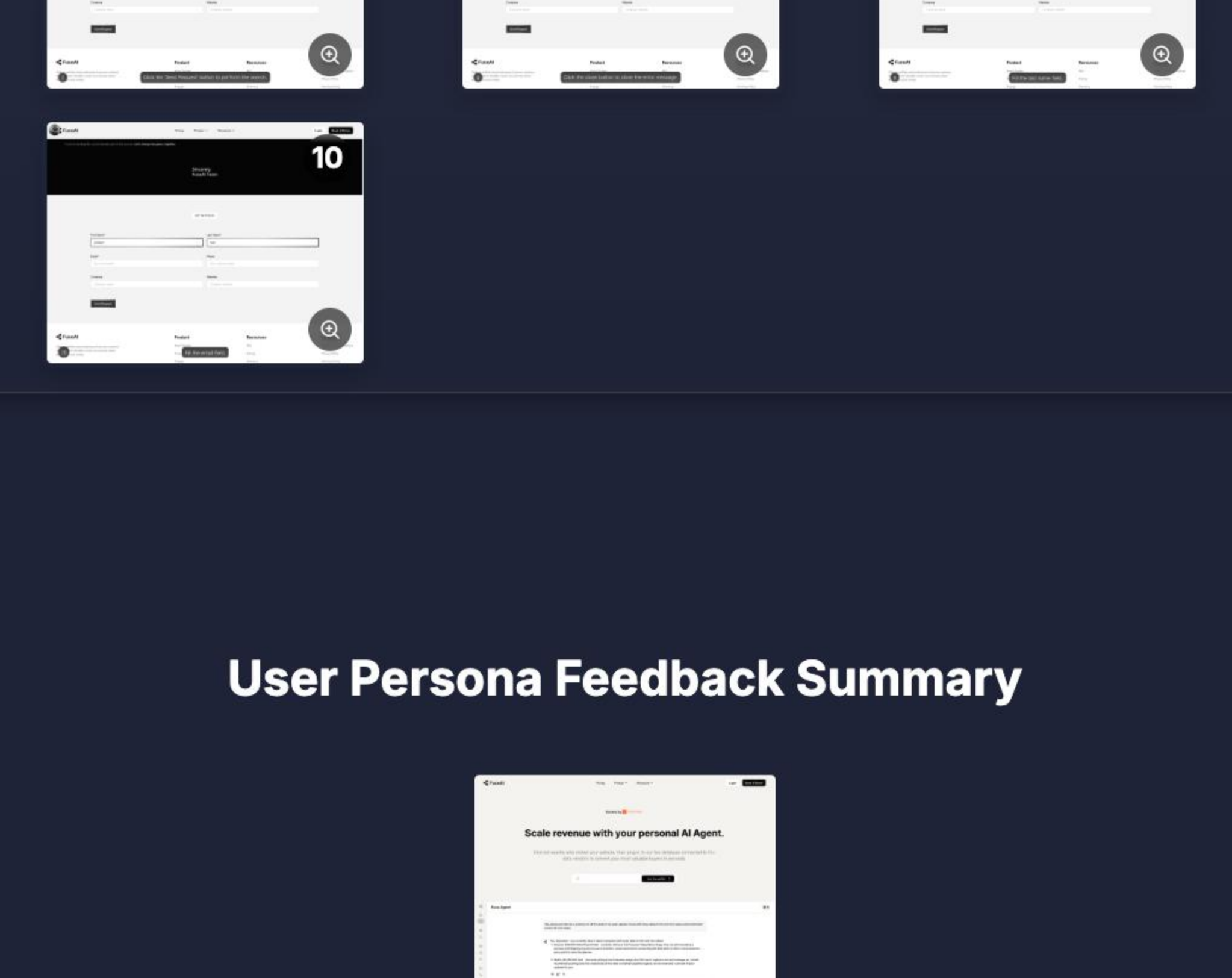
✓ Enter a long search query, perform a search, then enter a short query, and perform a search

Tests the functionality of entering a very long search query, submitting the search, then entering a short search query and submitting. Checks that long and short searches are handled properly and that the UI doesn't break.

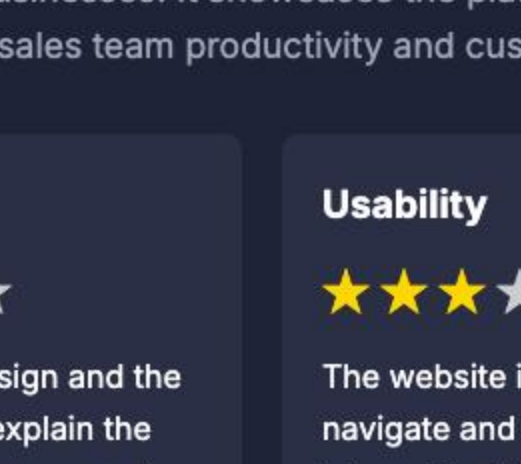


Search, navigate to an external link from the search results, and then navigate back to the search results page.

Tests whether a user can perform a search, select a result which takes them to an external link (if such links exist), and then return back to the original search results page to perform another action.



## User Persona Feedback Summary



HOME



The webpage aims to promote Fuse AI, an AI-powered platform designed to enhance sales and go-to-market strategies for businesses. It showcases the platform's features, benefits, and mission to improve sales team productivity and customer engagement.

Overall Score	Visual Design	Usability	Content Quality
★★★★☆	★★★★☆	★★★★☆	★★★★☆
The website effectively communicates the value proposition of Fuse AI and its potential to streamline sales processes and automate repetitive sales tasks. However, some areas could be improved to enhance user engagement and provide more detailed information about the platform's capabilities.	I like the clean design and the use of visuals to explain the features. However, some of the images could be more engaging and directly related to the content.	The website is easy to navigate and understand. The information is presented in a clear and concise manner. However, some sections could benefit from more detailed explanations and examples.	The content is well-written and engaging, highlighting the key benefits of Fuse AI. The manifesto section provides a strong sense of the company's mission and values.

### Individual User Persona Feedback

<p><b>Aisha Patel, 32</b></p> <p>Persona:Aisha is a Sales Manager at a mid-sized tech company, responsible for leading a team of sales representatives and driving revenue growth. She is always looking for innovative tools and technologies to improve her team's productivity and close more deals.</p> <p><b>Overall Rating</b></p> <p>★★★★☆</p> <p><i>"I'm impressed with the platform's potential to streamline sales processes and automate repetitive tasks. The conversational CRM interface and engagement automation features seem particularly valuable."</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>• Explore the features of the conversational CRM interface</li> <li>• Request a demo to see the platform in action</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• I'd like to see more details about how the platform integrates with existing CRM systems.</li> <li>• It would be great to read some customer testimonials or case studies to see how the platform has helped other businesses.</li> </ul>	<p><b>David Lee, 45</b></p> <p>Persona:David is a seasoned VP of Sales with over 20 years of experience in the software industry. He is responsible for driving revenue growth and managing a large sales team. He is skeptical of new technologies and prefers proven solutions.</p> <p><b>Overall Rating</b></p> <p>★★★★☆</p> <p><i>"I'm not easily convinced by new technologies, but I'm willing to explore if the platform can deliver a significant ROI and improve my team's performance."</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>• Review the platform's features and benefits</li> <li>• Assess the platform's security and compliance measures</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• I need to see a detailed ROI analysis to justify the investment.</li> <li>• I want to know more about the platform's security and compliance measures.</li> <li>• Show me case studies with measurable results from other companies in my industry.</li> </ul>	<p><b>Samantha Rodriguez, 26</b></p> <p>Persona:Samantha is a tech-savvy Marketing Specialist at a startup, always eager to explore the newest digital tools. She enjoys automation, fresh UIs, and is all about the user experience. Her team lead forwarded her the site to provide her opinion on potential use-cases for the sales team.</p> <p><b>Overall Rating</b></p> <p>★★★★☆</p> <p><i>"This platform looks like it was built to enhance the sales experience. It feels very natural and the AI agent sounds amazing. I'd need to see more to be sure, but my interest is piqued!"</i></p> <p><b>Actions Performed</b></p> <ul style="list-style-type: none"> <li>• Looking into a new prospecting tool</li> <li>• Thinking of ways to improve the sales flow for the team.</li> </ul> <p><b>Suggestions</b></p> <ul style="list-style-type: none"> <li>• Make the features more front and center. Sell the AI!</li> </ul>
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