

AI Test Results from testers.ai



The Target app's HOME page presents a mixed bag. While there's no panel feedback data to celebrate user sentiment, the bug data paints a concerning picture. Performance bottlenecks, exemplified by 'Network Resolution Failures' and 'Unused Preloaded Resources', scream inefficiency, directly impacting the speed and responsiveness users expect. Then we've got accessibility issues cropping up all over the place, which is bad for inclusiveness. 'Missing Alt Text for Images' and 'Insufficient color contrast in promotional blocks' are prime examples of easily avoidable mistakes. Digging deeper, we find some concerning signs related to code quality and security. The 'Excessive Number of Small Chunk Requests in Next.js' hints at inefficiencies in the app's architecture. The use of a 'potentially vulnerable JavaScript library: pub.doubleverify.com' presents a security risk that needs immediate attention. Finally, even basic content integrity is questionable, with issues such as 'Footer Content Missing' and grammar mistakes. In short, the HOME page is far from polished. It needs a serious tune-up on performance, accessibility, and code quality to deliver a satisfactory experience. And, the missing panel feedback means we are completely missing the user sentiment data and can only address code level issues.

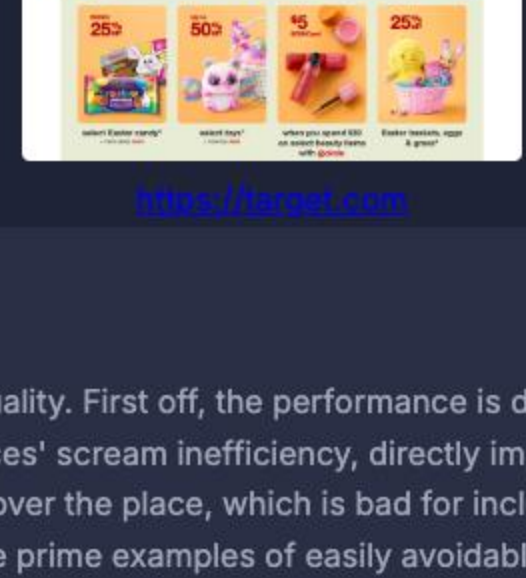
Best Aspects

The app is functional, in that it loads and displays some content. I'm also glad to see that accessibility is being considered, albeit not well implemented in all cases.

Areas for Improvement

The presence of network resolution failures, a vulnerable javascript library, and multiple accessibility violations indicate significant quality control issues.

Quality Summary



<https://www.target.com>

Detailed Analysis

Alright, let's dissect the Target app's HOME page quality. First off, the performance is dragging, according to the bug reports. 'Network Resolution Failures' and 'Unused Preloaded Resources' scream inefficiency, directly impacting the speed and responsiveness users expect. Then we've got accessibility issues cropping up all over the place, which is bad for inclusiveness. 'Missing Alt Text for Images' and 'Insufficient color contrast in promotional blocks' are prime examples of easily avoidable mistakes. Digging deeper, we find some concerning signs related to code quality and security. The 'Excessive Number of Small Chunk Requests in Next.js' hints at inefficiencies in the app's architecture. The use of a 'potentially vulnerable JavaScript library: pub.doubleverify.com' presents a security risk that needs immediate attention. Finally, even basic content integrity is questionable, with issues such as 'Footer Content Missing' and grammar mistakes.

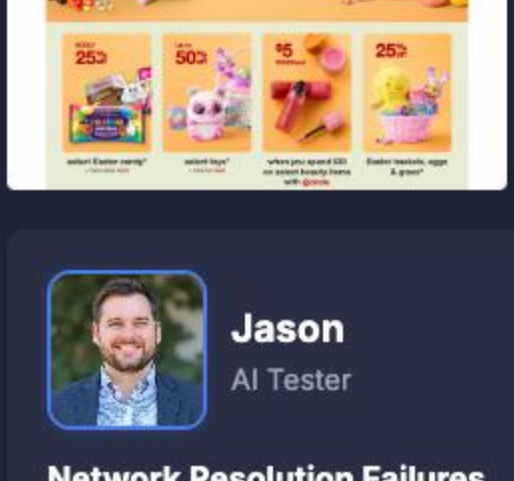
Key Suggestions

- Prioritize fixing the 'Network Resolution Failures' and optimize resource loading to improve performance.
- Conduct a thorough accessibility audit and address all 'WCAG' violations related to alt text, color contrast, and link purpose.
- Replace the vulnerable JavaScript library and implement security best practices to mitigate risks.
- Add a monitoring tool to immediately alert of network resolution issues.
- Add monitoring to detect javascript libraries that have CVE vulnerabilities.
- Implement thorough cross browser accessibility tests.

Priority Improvements

- Replace or update the potentially vulnerable JavaScript library (pub.doubleverify.com) to a secure version. Follow OWASP guidelines.
- Implement a fix to prevent 'Network Resolution Failures (net:ERR_NAME_NOT_RESOLVED)'. Investigate DNS resolution issues and implement robust error handling.
- Optimize the Next.js application to reduce the 'Excessive Number of Small Chunk Requests'. Consider code splitting and lazy loading.
- Add missing alt text to all images, especially decorative images, as well as storycard links to enhance accessibility.
- Ensure sufficient color contrast in promotional blocks to meet WCAG guidelines.

Issues Found by AI Testers



HOME

Jason
AI Tester

Network Resolution Failures (net:ERR_NAME_NOT_RESOLVED)

Priority: 7/10 Confidence: 8/10

performance network availability

Why is this a bug?
Multiple resources failing to load with 'net:ERR_NAME_NOT_RESOLVED' indicates a DNS resolution issue. This prevents the webpage from fully loading, severely impacting user experience and potentially breaking functionality.

Suggested Fix
Investigate DNS configuration, server availability, and CDN setup. Implement robust error handling and retry mechanisms for resource loading.

Why Fix This?
Fixing this prevents partial page loads, improves user experience, and ensures all website features function correctly.

Route To
DevOps/Network Engineer, Frontend Engineer

Sharon
API and Networking Tester

Redundant Requests for Root Domain

Priority: 7/10 Confidence: 8/10

Performance SEO

Why is this a bug?
Two separate GET requests are made for both 'https://target.com/' and 'https://www.target.com/'. This indicates that there's no proper redirection or canonicalization in place, leading to the server serving the same content twice, impacting performance and potentially SEO.

Suggested Fix
Implement a 301 redirect from one domain (e.g., target.com) to the other (e.g., www.target.com) at the server level. Alternatively, configure canonical tags in the HTML to signal the preferred URL to search engines.

Why Fix This?
Fixing this will reduce server load, improve page load time, and prevent potential SEO penalties from duplicate content.

Route To
Backend Engineer/DevOps Engineer

Relevant Network Call
<https://target.com/>, <https://www.target.com/>

Isabella
Usability Tester

Missing Alt Text for Images

Priority: 7/10 Confidence: 9/10

WCAG accessibility

Why is this a bug?
Many images lack descriptive alt text. This violates WCAG guidelines and prevents screen reader users from understanding the image content, severely impacting their ability to use the site.

Suggested Fix
Add meaningful alt text to all images, describing their content and function. For decorative images, use an empty alt attribute (alt="") to signal to screen readers that they can be ignored.

Why Fix This?
Ensures accessibility for screen reader users and improves overall usability.

Route To
Frontend Engineer

Adeela
Mobile Responsive Tester

Missing Navigation Categories

Priority: 7/10 Confidence: 8/10

general navigation

Why is this a bug?
The top-level navigation links ('Categories', 'Deals', 'New & featured', 'Pickup & delivery') present in the large browser view are completely missing in the mobile view. This hinders the user's ability to navigate the site effectively on mobile.

Suggested Fix
Implement a responsive navigation menu (e.g., a hamburger menu) to display the categories and other navigation links in the mobile view.

Why Fix This?
Makes it difficult for mobile users to browse different sections of the website.

Route To
Frontend Engineer

Relevant Network Call
N/A

AI Generated Functional Test Results

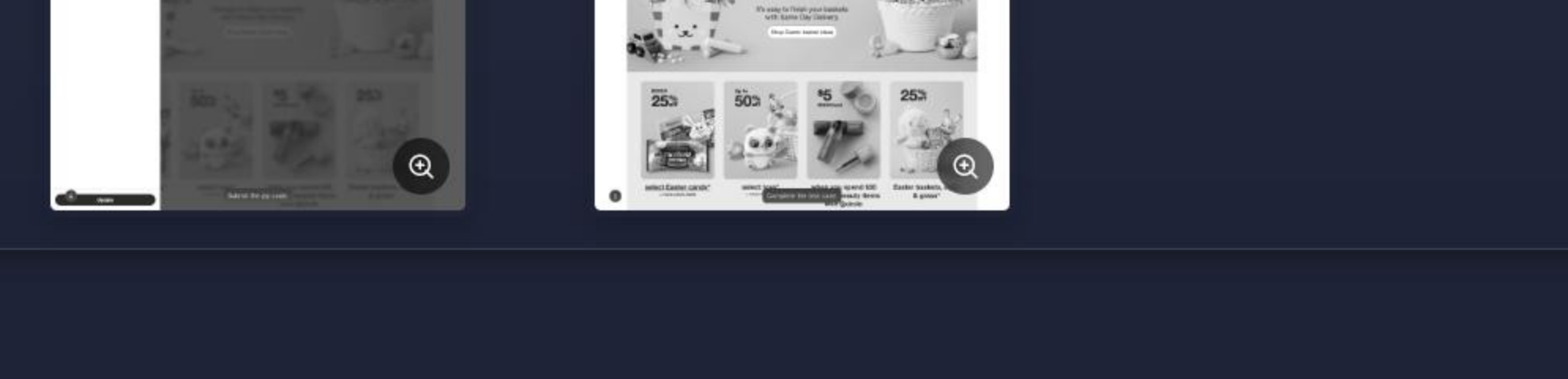
Start Page: HOME



Aiden
Demo_Tests

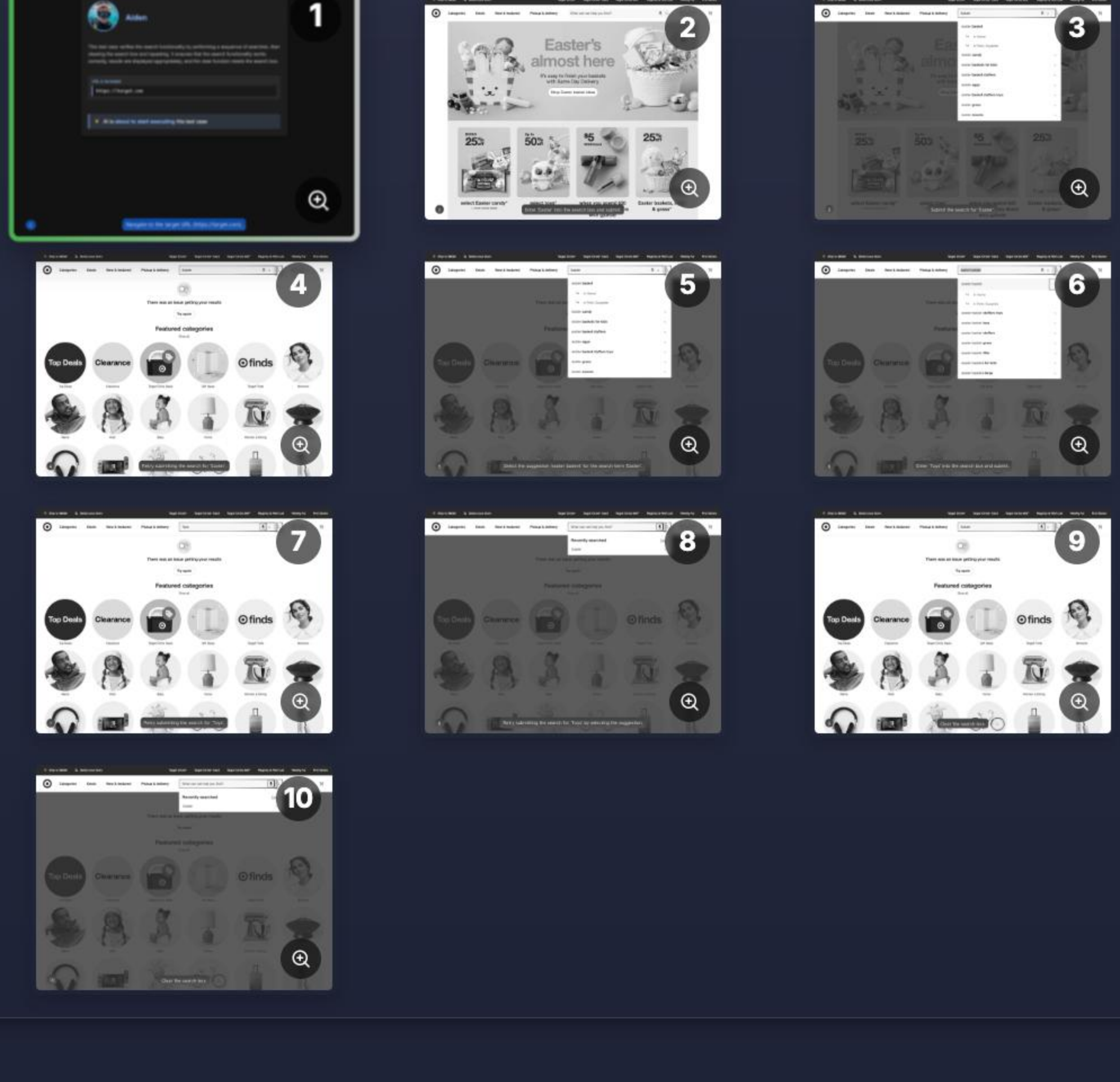
Check store location retrieval via zip code input

This test ensures that the store locator functionality accurately identifies and displays nearby Target stores when a zip code is entered. Accurately showing locations is vital for customers to plan their shopping trips.



Search, Clear, and Repeat - Multiple Search Terms

This test case verifies the search functionality by performing a sequence of searches, then clearing the search box and repeating. It ensures that the search functionality works correctly, results are displayed appropriately, and the clear function resets the search box.



Search for a popular item

This test verifies the search functionality by searching for a common item and ensuring relevant results are displayed. It's important to ensure users can easily find desired products.



User Persona Feedback Summary



HOME



The webpage serves as the homepage for Target, an online retail platform. It aims to showcase current deals, promotions, and services, and leverage Target's offerings.

<h3>Overall Score</h3> <p>★★★★☆</p> <p>The target homepage is generally well-designed and provides a good user experience. It is visually appealing and easy to navigate, with clear calls to action and prominent displays of deals and promotions. However, some users may find the sheer volume of content overwhelming, and accessibility could be improved for users with disabilities.</p>	<h3>Visual Design</h3> <p>★★★★☆</p> <p>The visuals are attractive and align well with the Target brand. They effectively highlight key products and promotions, creating a visually engaging experience for users.</p>	<h3>Usability</h3> <p>★★★★☆</p> <p>The website is generally easy to use, with clear navigation and prominent search functionality. However, the extensive list of categories and promotions might require users to scroll extensively to find what they're looking for. Filters should be more prominent.</p>	<h3>Content Quality</h3> <p>★★★★☆</p> <p>The content is relevant and informative, providing users with a clear overview of current deals, featured products, and available services. However, the sheer volume of content could be overwhelming for some users.</p>
--	--	---	---

Individual User Persona Feedback

<p>Aisha Jackson, 32</p> <p>Persona:Aisha is a working mom with two young children. She's always looking for good deals and convenient shopping options. She appreciates stylish and affordable products.</p> <p>Overall Rating ★★★★☆</p> <p><i>"As a busy mom, I appreciate the convenience and deals offered on the Target website. I found some cute Easter items, but the site could be overwhelming with so much to see."</i></p> <p>Actions Performed</p> <ul style="list-style-type: none"> Browse deals on kids' clothing and Easter baskets Check for same-day delivery options <p>Suggestions</p> <ul style="list-style-type: none"> Personalize the homepage based on user browsing history Improve filtering options for products and deals Highlight sales and promotions more prominently 	<p>Rajesh Patel, 24</p> <p>Persona:Rajesh is a tech enthusiast and college student interested in electronics, video games, and the latest gadgets. He often shops online and uses multiple devices.</p> <p>Overall Rating ★★★★☆</p> <p><i>"Target's website is pretty good. I can usually find what I'm looking for, but I wish they had more exclusive deals for tech products. Also, I think the page loads a bit slow."</i></p> <p>Actions Performed</p> <ul style="list-style-type: none"> Search for deals on electronics and video games Check for new arrivals in the Apple section <p>Suggestions</p> <ul style="list-style-type: none"> Offer exclusive deals for tech products Provide more detailed product descriptions Add a price comparison tool
--	--

Print Report