

AI Test Results from testers.ai



The Milk Makeup app's HOME page suffers from a multitude of issues that could seriously impact user experience and trust. Critical issues like script execution failures due to MIME type mismatches and JavaScript assets failing to load (404 errors) point to significant security misconfigurations. Accessibility issues such as missing ARIA labels for icon-only buttons, missing focus indicators, and a visually hidden 'Skip to content' link make the app difficult to use for individuals with disabilities. Furthermore, outdated information like the 'Time-Sensitive Announcement Bar' and 'Outdated Free Shipping Promotion' damages the brand's credibility. The GDPR violation risks due to Third-Party Tracking without Explicit Consent is another important factor.

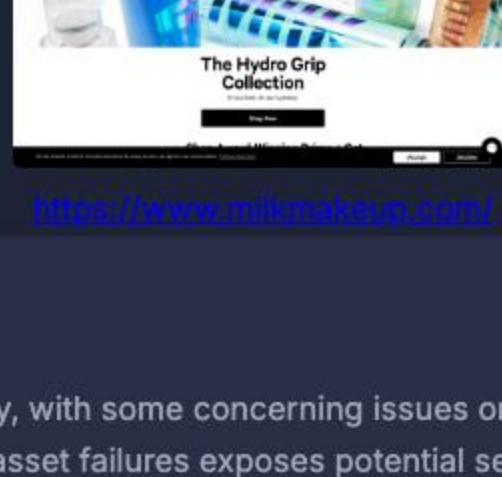
Best Aspects

The app provides shopping and information, with the goal of making makeup purchasing easier.

Areas for Improvement

Security vulnerabilities, accessibility violations, and outdated content on the HOME page.

Quality Summary



<https://www.milkmakeup.com/>

Detailed Analysis

The Milk Makeup app presents a mixed bag of quality, with some concerning issues on the HOME page. The presence of script execution failures, resource loading problems, and JavaScript asset failures exposes potential security vulnerabilities and performance bottlenecks. These are critical concerns that need immediate attention.

Accessibility is another area of concern. Missing ARIA labels, missing focus indicators, and a visually hidden 'Skip to content' link violate WCAG guidelines and exclude users with disabilities. Addressing these issues is crucial for inclusivity.

Finally, the content on the HOME page needs to be carefully reviewed and updated regularly. The outdated announcement bar and free shipping promotion create a negative impression and erode user trust. Ensuring content accuracy is essential for maintaining brand reputation.

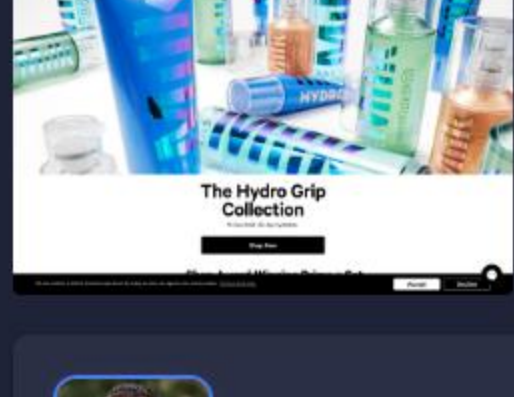
Key Suggestions

- Conduct a thorough security audit to identify and address all vulnerabilities.
- Implement comprehensive accessibility testing to ensure WCAG compliance.
- Establish a content management system to ensure timely updates and accuracy.
- Ensure GDPR compliance for all data collection and tracking activities.

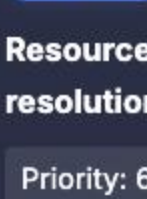
Priority Improvements

1. ****Address Security Misconfigurations:**** Resolve script execution failures, resource loading problems, and JavaScript asset failures by ensuring correct MIME type configurations, proper resource paths, and updated component versions to mitigate security vulnerabilities.
2. ****Implement Accessibility Best Practices:**** Add ARIA labels to all icon-only buttons/links, implement clear and visible focus indicators for all interactive elements, and ensure the 'Skip to content' link is always visually accessible to improve usability for users with disabilities.
3. ****Establish a Content Update Schedule:**** Create a regular schedule for reviewing and updating promotional content, announcements, and other time-sensitive information on the HOME page to ensure accuracy and relevance.
4. ****Review GDPR Compliance:**** Ensure third-party tracking mechanisms obtain explicit user consent in compliance with GDPR regulations to avoid potential legal issues.

Issues Found by AI Testers



HOME



Jason
AI Tester

Resource loading failures due to name resolution errors

Priority: 6/10 Confidence: 7/10

network performance

Why is this a bug?

Multiple 'net::ERR_NAME_NOT_RESOLVED' errors indicate that the browser is unable to resolve the domain names for several resources. This can be due to DNS issues or incorrect resource URLs. The fact that multiple resources are affected increases the likelihood of a configuration problem.

Suggested Fix

Investigate the URLs of the failing resources. Verify that the domain names are correctly configured and that there are no DNS issues affecting the website. Check for typos in the resource paths.

Why Fix This?

Failing to load resources can lead to broken images, missing styles, and non-functional scripts, negatively impacting the user experience and potentially preventing users from accessing content or features.

Route To

Frontend/DevOps Engineer



Jason
AI Tester

Script execution failure due to MIME type mismatch

Priority: 7/10 Confidence: 8/10

script content security

Why is this a bug?

The console logs indicate that several scripts are being refused execution because their MIME type ('text/html') is not executable. This strongly suggests a server configuration issue where the server is not serving these JavaScript files with the correct 'application/javascript' MIME type. This will prevent important page functionality from working correctly.

Suggested Fix

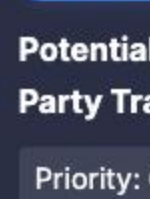
The server configuration needs to be corrected to serve JavaScript files with the correct 'application/javascript' MIME type. Investigate the server's MIME type settings and ensure they are properly configured for js files.

Why Fix This?

Failing to execute scripts can break critical page functionality, leading to a poor user experience and potentially preventing users from completing key actions (e.g., making purchases, using features).

Route To

Backend/DevOps Engineer



Pete
Privacy and Security Tester

Potential GDPR Violation due to Third-Party Tracking without Explicit Consent

Priority: 6/10 Confidence: 7/10

GDPR Third-Party Tracking

Why is this a bug?

The presence of third-party tracking scripts (Hotjar, Google Tag Manager, Yotpo, Rebuy, as evidenced by network calls to 'https://static.hotjar.com/c/hotjar-3673904.js?sv=6', 'https://www.googletagmanager.com/gtm.js?id=GTM-M2MJNL', 'https://cdn-widgetsrepository.yotpo.com/v1/loader/ESYeb suggests user data is being shared with these entities. Without explicit and informed consent, this may violate GDPR. The console log 'Have customize tracking events for analytics V2' further supports the presence of custom tracking implementation. 'https://moqao.milkmakeup.com/providers/atL may violate CCPA if consent isn't collected for sale of data.

Suggested Fix

Implement a robust Consent Management Platform (CMP) that provides users with clear and granular control over third-party tracking. Ensure the CMP is configured to obtain explicit consent before loading any non-essential tracking scripts. Conduct regular audits of third-party scripts to ensure compliance with privacy policies and regulations.

Why Fix This?

Failure to obtain valid consent for third-party tracking can result in significant fines under GDPR and erode user trust.

Route To

Privacy Engineer/Frontend Developer

Relevant Network Call

```
https://static.hotjar.com/c/hotjar-3673904.js?sv=6, https://www.googletagmanager.com/gtm.js?id=GTM-M2MJNL, https://cdn-widgetsrepository.yotpo.com/v1/loader/ESYebISF9WReckL_P30, http://moqao.milkmakeup.com/providers/atL=1/load
```



Aisha
Tester for Missing Aspects

Missing ARIA labels for Icon-Only Buttons/Links

Priority: 7/10 Confidence: 8/10

WCAG Accessibility

Why is this a bug?

Icon-only buttons and links lack descriptive ARIA labels, hindering screen reader users from understanding their purpose. This violates WCAG 2.1 success criterion 4.1.2 (Name, Role, Value).

Suggested Fix

Add 'aria-label' or 'aria-labelledby' attributes to each icon-only button/link, providing a concise description of its function. Example: '<button aria-label="Search">...</button>'.

Why Fix This?

Ensures that all users, including those using screen readers, can understand the purpose of interactive elements, improving accessibility and usability.

Route To

Frontend Engineer



Isabella
Usability Tester

Low Contrast on Cookie Consent Text

Priority: 7/10 Confidence: 8/10

WCAG Accessibility

Why is this a bug?

The cookie consent bar uses white text on a dark background, however, the text size is small, and the contrast doesn't seem high enough, potentially violating WCAG contrast requirements. Many users might have a problem reading it.

Suggested Fix

Increase the contrast ratio between the text and background in the cookie consent bar to meet WCAG AA or AAA standards. Increase text size.

Why Fix This?

Insufficient contrast can make the text difficult to read for users with visual impairments, violating WCAG guidelines and impacting accessibility.

Route To

Frontend Developer, Accessibility Specialist

AI Generated Functional Test Results

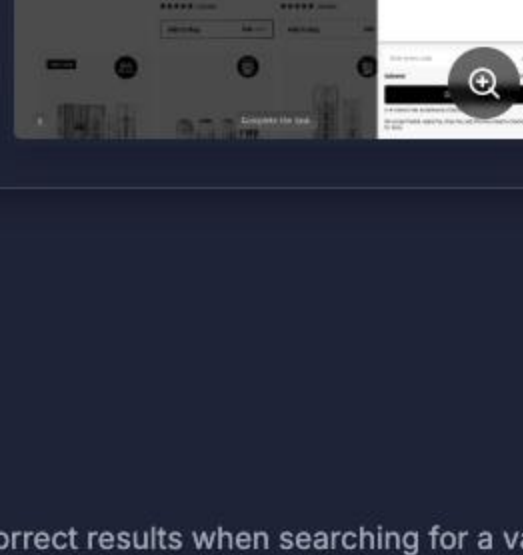
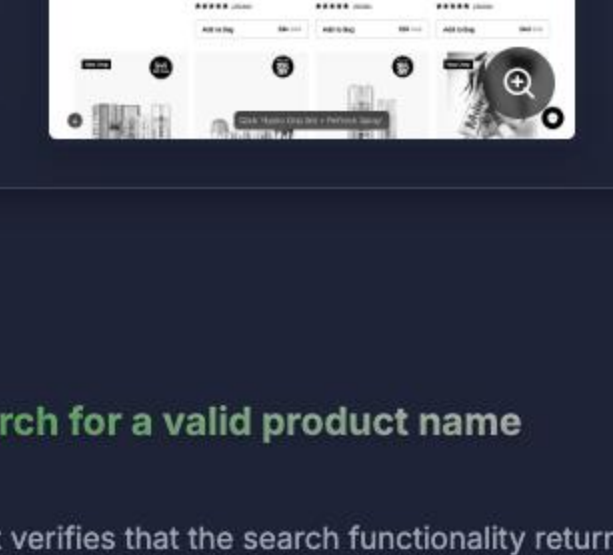
Start Page: HOME



Aiden
Demo Tests

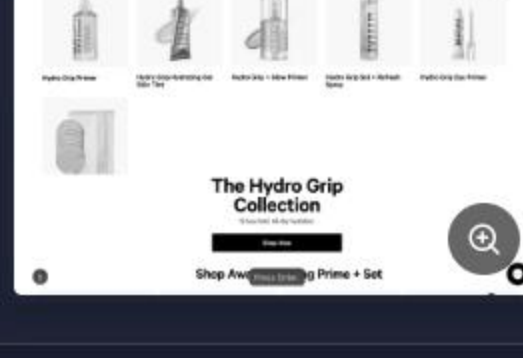
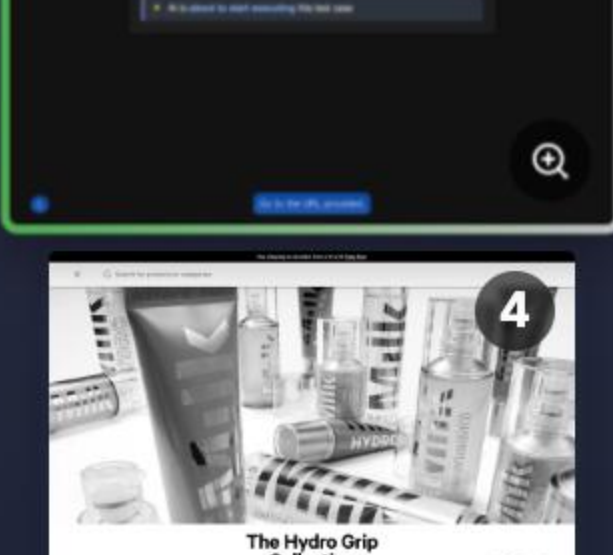
✓ Navigate to Sets Page and Add Product to Bag

This test verifies the navigation to the 'Sets' page and the process of adding a product from that page to the shopping bag.



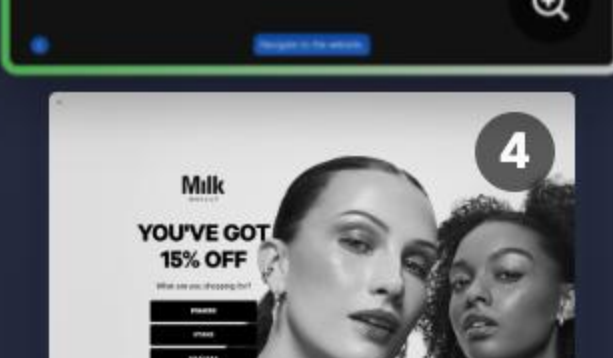
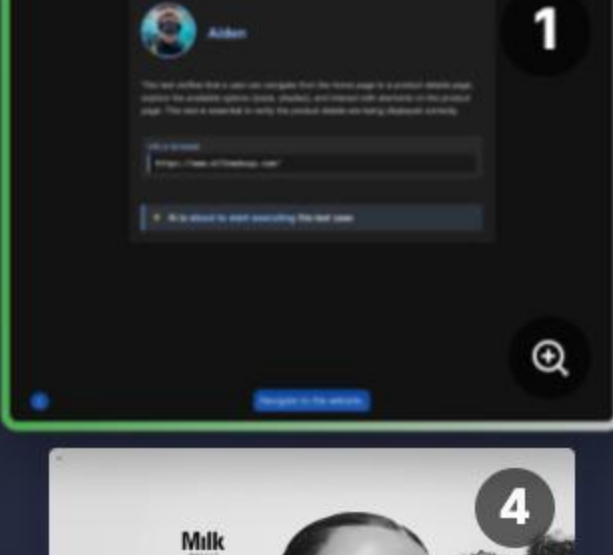
✓ Search for a valid product name

This test verifies that the search functionality returns the correct results when searching for a valid product name, for example 'Hydro Grip'.

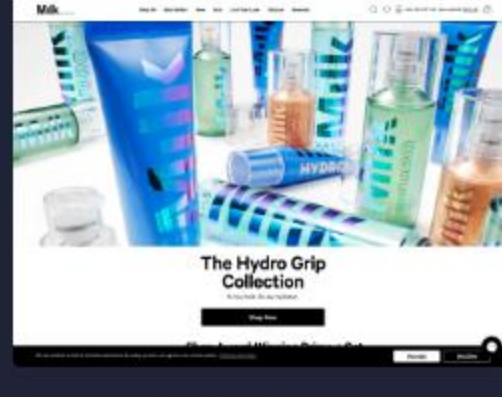


Explore Product Details and Select Options

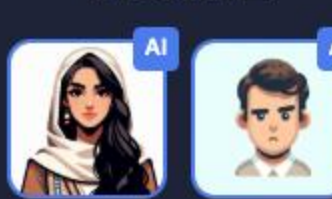
This test verifies that a user can navigate from the home page to a product details page, explore the available options (sizes, shades), and interact with elements on the product page. This test is essential to verify the product details are being displayed correctly.



User Persona Feedback Summary



HOME



The Milk Makeup website aims to sell a variety of makeup and skincare products, particularly highlighting their Hydro Grip collection and other best-selling items. It also provides information about the brand, rewards program, and encourages users to join their VIP list.

Overall Score

★★★★☆

The website is visually appealing and easy to navigate, but could improve in accessibility and provide more detailed product information upfront. The focus on the Hydro Grip collection is strong, but some users may find the repeated display of similar products overwhelming.

Visual Design

★★★★☆

The visuals are great; they make me want to try the products. However, having the same products repeated several times feels a bit redundant.

Usability

★★★★☆

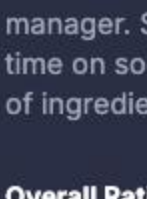
Navigation is straightforward, and the product categories are well-defined. Adding to the bag is simple, but it would be nice to have more filtering options.

Content Quality

★★★★☆

The product descriptions are informative, but they could be more detailed. I appreciate the focus on the Hydro Grip collection, but more information about ingredients and usage would be helpful.

Individual User Persona Feedback



Aisha Khan, 24

Persona:Aisha is a recent college graduate working as a social media manager. She is passionate about beauty and fashion and spends a lot of time on social media discovering new trends and products. She is conscious of ingredients and looks for cruelty-free and vegan options.

Overall Rating

★★★★☆

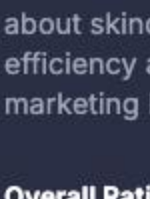
I love the overall aesthetic of the website and the focus on cruelty-free products! The Hydro Grip collection looks really appealing. However, I wish there was more detailed information about the ingredients and ethical sourcing of the products.

Actions Performed

- Browsing new products
- Checking ingredients and reviews

Suggestions

- Add a dedicated section on the brand's commitment to vegan and cruelty-free practices.
- Incorporate a virtual try-on feature to allow customers to see how products look on their skin.
- Improve accessibility by providing alt text for images and ensuring sufficient color contrast.



David Chen, 35

Persona:David is a software engineer who is interested in learning more about skincare and makeup. He appreciates a minimalist approach and values efficiency and effectiveness in the products he uses. He's skeptical of marketing hype and relies on data and reviews.

Overall Rating

★★★★☆

The website is clean, but it feels a bit too focused on marketing and not enough on factual information. I'm looking for data-driven insights and detailed product specifications. The repetitive product displays are annoying.

Actions Performed

- Reading product reviews and ratings
- Comparing ingredients and prices

Suggestions

- Include full ingredient lists and scientific explanations for each product.
- Implement a side-by-side product comparison tool.
- Showcase data-driven insights and authentic user reviews to build trust.