

AI Test Results from testers.ai



The Burger King app's Home page exhibits a multitude of quality issues that demand immediate attention. Security vulnerabilities, such as 'Authorization Failure' and 'Missing or Insufficient Content Security Policy (CSP) Header', expose users to potential risks. Accessibility issues, like 'Inaccessible Cookie Consent Banner Checkboxes' and 'Improper Use of Buttons for Navigation', hinder usability for users with disabilities. Furthermore, fundamental functionality is compromised, as evidenced by the 'Main 'Order' functionality is absent on mobile', which severely impacts the app's primary purpose. These issues, combined with performance concerns such as 'Redundant Requests for Large JavaScript Files', paint a picture of an app in dire need of quality improvements.

Best Aspects

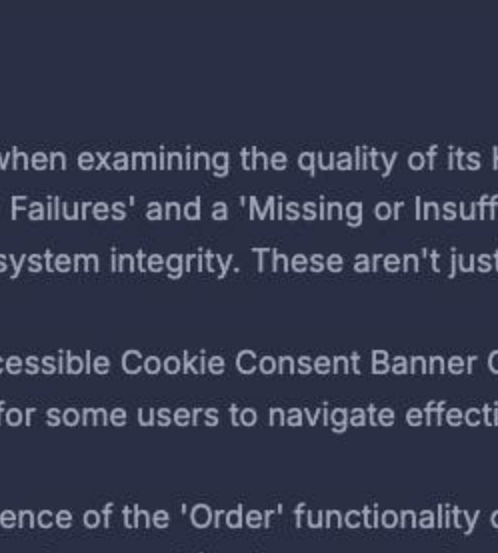
There's potential. The app has branding and a base design, so once all these issues are solved, we can move on to more interesting, advanced bugs.

Areas for Improvement

The app's Home page is riddled with security vulnerabilities, accessibility issues, and a complete lack of core functionality on mobile. This combination of flaws makes the app unusable and potentially dangerous.

Quality Summary

HOME



<https://www.bk.com>

Detailed Analysis

The Burger King app presents a concerning picture when examining the quality of its Home page. Multiple bugs point to serious lapses in security, with 'Authorization Failure', 'DNS Resolution Failures' and a 'Missing or Insufficient Content Security Policy (CSP) Header' creating vulnerabilities that could compromise user data and system integrity. These aren't just minor hiccups; they represent fundamental flaws in how the app protects its users.

Accessibility is another major area of concern. 'Inaccessible Cookie Consent Banner Checkboxes' and 'Improper Use of Buttons for Navigation' make the app difficult, if not impossible, for some users to navigate effectively. Neglecting accessibility is not only unethical but also limits the app's reach and usability.

Perhaps the most alarming issue is the complete absence of the 'Order' functionality on the mobile version of the home page. This core feature is the entire reason people download a fast food app, and its absence renders the app virtually useless. Without immediate and comprehensive remediation, the Burger King app risks alienating its user base and damaging its brand reputation.

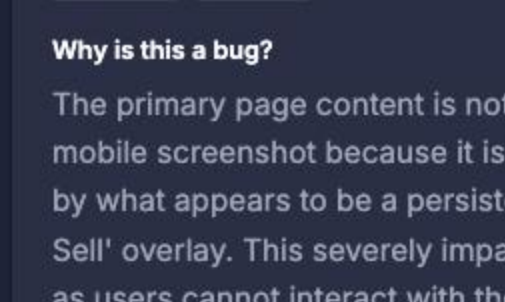
Key Suggestions

- Conduct a thorough security audit to identify and remediate all vulnerabilities.
- Perform a comprehensive accessibility review and fix all WCAG violations.
- Prioritize the implementation of the missing 'Order' functionality on the mobile version of the Home page.
- Optimize network requests to improve app performance and reduce data usage.
- Implement clear instructions on how to revoke cookie consent after initial setup.

Priority Improvements

1. Implement the missing 'Order' functionality on the mobile version of the home page immediately.
2. Enhance a robust Content Security Policy (CSP) to mitigate XSS vulnerabilities.
3. Address the authorization failure issues, including a more secure authentication mechanism.
4. Implement accessible ARIA attributes for all navigation elements including cookie consent.
5. Optimize JavaScript delivery by eliminating redundant requests and implementing aggressive caching strategies.

Issues Found by AI Testers



HOME

Adeela
Mobile Responsive Tester

Main content obscured by overlay on mobile

Priority: 9/10 Confidence: 9/10

general WCAG

Why is this a bug?
The primary page content is not visible in the mobile screenshot because it is fully covered by what appears to be a persistent 'Do Not Sell' overlay. This severely impacts usability as users cannot interact with the intended content. The overlay is not dismissable and effectively renders the website useless on mobile devices.

Suggested Fix
Implement responsive design to ensure the 'Do Not Sell' overlay either resizes appropriately or is replaced with a less intrusive element on mobile. Ensure a clear method for users to close or interact with the overlay, and to ensure the main page is not blocked from a new user.

Why Fix This?
Critical usability issue. Users are unable to access or interact with any content.

Route To
Front-end Engineer

Adeela
Mobile Responsive Tester

Main 'Order' functionality is absent on mobile

Priority: 9/10 Confidence: 9/10

general

Why is this a bug?
The primary call-to-action, which appears to be ordering, is missing from the mobile view. The overlay covering the entire screen also further hinders usability.

Suggested Fix
Ensure primary page ordering functionality is available on the mobile site, perhaps within the bottom navigation. Further look to the underlying cause of the blocked screen.

Why Fix This?
Prevents users from placing orders on mobile devices. Causes loss of revenue.

Route To
Front-end Engineer

Sharon
API and Networking Tester

Redundant Requests for Large JavaScript Files

Priority: 7/10 Confidence: 8/10

Performance Caching

Why is this a bug?
The network traffic shows multiple requests for "https://www.bk.com/static/js/1911.71388d10.js" and "https://www.bk.com/static/js/main.ea7d9a93.js". These JavaScript files are quite large (3555446 and 2575837 bytes respectively), and requesting them multiple times indicates a caching problem. Modern browsers and CDNs should be able to cache these assets to avoid redundant downloads. The timestamps suggest they are requested very close together.

Suggested Fix
Implement proper caching headers (e.g., "Cache-Control: max-age=...") on the server serving these JavaScript files. Investigate if a service worker can be used to manage caching of these large js files. Ensure the URLs requested to ensure no query parameters are causing cache invalidation.

Why Fix This?
Redundant requests for large files slow down page load times, waste bandwidth, and increase server load. Fixing this will improve the user experience, reduce costs and improve overall site performance.

Route To
Frontend Engineer, DevOps Engineer

Relevant Network Call

https://www.bk.com/static/js/1911.71388d10.js, https://www.bk.com/static/js/main.ea7d9a93.js

Isabella
Usability Tester

Inaccessible Cookie Consent Banner Checkboxes

Priority: 8/10 Confidence: 8/10

WCAG accessibility

Why is this a bug?
The cookie consent banner includes checkboxes for managing cookie preferences (Strictly Necessary Cookies, Sell or Share My Personal Information). These checkboxes are implemented as "input type='checkbox'" (like "aria-checked") and keyboard interaction handling to be fully accessible. Based on the elements provided there is a high probability that that are not focusable via keyboard, lack proper ARIA labels and state updates, making them difficult or impossible for some users (e.g., screen reader users, keyboard-only users) to operate.

Suggested Fix
Ensure that all checkboxes within the cookie consent banner: a) are focusable using the keyboard; b) have appropriate ARIA attributes (specifically "aria-checked") that dynamically update based on the checkbox state; and c) are properly labeled to describe the purpose of each cookie category. Conduct thorough testing with screen readers to confirm accessibility.

Why Fix This?
Failure to provide an accessible cookie consent mechanism violates WCAG guidelines (specifically, WCAG 2.1.1 Keyboard, WCAG 2.4.7 Focus Visible, WCAG 4.1.2 Name, Role, Value) and may result in legal consequences. Addressing this issue enhances usability for all users, particularly those with disabilities, and demonstrates a commitment to inclusive design.

Route To
Front-End Developer/Accessibility Specialist

Jason
AI Tester

Authorization Failure

Priority: 7/10 Confidence: 8/10

security network

Why is this a bug?
A '401' status code indicates that the request to a resource was unauthorized. This means the user doesn't have the necessary credentials or the provided credentials are invalid.

Suggested Fix
Check API authentication implementation, verify user roles and permissions, and ensure proper handling of authentication tokens.

Why Fix This?
Unauthorized access can prevent users from accessing features or data, leading to significant disruption.

Route To
Backend Engineer, Security Engineer

Abdul
Privacy and Security Tester

Missing or Insufficient Content Security Policy (CSP) Header

Priority: 7/10 Confidence: 8/10

OWASP General CSP

Why is this a bug?
The website is missing a strong Content Security Policy (CSP) header. Without a properly configured CSP, the website is vulnerable to Cross-Site Scripting (XSS) attacks. An attacker could inject malicious scripts that are executed in the user's browser, potentially leading to data theft, session hijacking, or defacement of the website. While the provided logs do not show the direct response headers, a missing CSP is a common finding on websites and a high-confidence issue if not explicitly verified to be present and correctly configured. The absence of a CSP or a very permissive one leaves the site open to XSS attacks.

Suggested Fix
Implement a strict Content Security Policy (CSP) header that whitelists only trusted sources for scripts, styles, and other resources. Regularly review and update the CSP to reflect changes in the website's dependencies and functionality. Consider using a report-uri directive to monitor CSP violations and identify potential XSS attacks.

Why Fix This?
Mitigating XSS vulnerabilities is critical to protect users' data and maintain the integrity of the website. A strong CSP header significantly reduces the attack surface and makes it more difficult for attackers to inject malicious scripts.

Route To
Security Engineer / Front-End Developer

Isabella
Usability Tester

Promotional offer has expired

Priority: 7/10 Confidence: 9/10

general

Why is this a bug?
The promotional offer for '1c Cheeseburger with \$1+ purchase!' is stated to end on 4/20, but today is 2025-04-15. This makes the content outdated and misleading to users. The offer expiration date is in the past.

Suggested Fix
Update the offer's expiration date to reflect a future date, or remove the offer if it is no longer valid. If the intention is to begin the offer on April 20th, clarify the start date in the offer description.

Why Fix This?
Displaying expired offers creates a negative user experience and can erode trust in the brand. Fix to provide users with accurate and timely information.

Route To
Marketing/Content Management

Alejandro
Accessibility Tester

Improper Use of Buttons for Navigation

Priority: 7/10 Confidence: 7/10

WCAG Keyboard Navigation Links and Buttons Accessibility

Why is this a bug?
Several elements coded as buttons appear to function as links for navigation ('View Cart', 'Order Pickup', 'Order Delivery'). This is evident from their text content and visual placement within the page's layout. Semantically, buttons should be used for actions, while links should be used for navigation. Using buttons for navigation can confuse screen reader users, as they will expect a button to perform an action on the current page, not navigate to a new page. This violates WCAG 2.0 Success Criterion 2.4.7 Focus Visible, as the expected behavior of the element is misleading.

Suggested Fix
Change the button elements used for navigation to anchor (<a>) elements with appropriate href attributes. Ensure these links are styled to resemble buttons visually. Alternatively, if they do trigger an action, ensure that this action is clearly communicated to the user before navigation takes place. Use ARIA attributes like 'aria-haspopup' if the button opens a dialog or menu.

Why Fix This?
Correcting the semantic markup will improve the accessibility of the site for screen reader users and those navigating with a keyboard. This ensures that interactive elements behave as expected and are clearly communicated to all users, reducing confusion and improving overall usability. Adhering to semantic HTML will ensure WCAG compliance.

Route To
Frontend Engineer

Aisha
Tester for Missing Aspects

Missing Instructions on How to Revoke Cookie Consent After Initial Setup

Priority: 7/10 Confidence: 8/10

Usability Privacy

Why is this a bug?
The current cookie settings interface does not explicitly state how a user can revisit and modify their cookie preferences after they have initially made their selections. While experienced users might find the 'Cookie Settings' link again, new users could struggle to find how to revoke previously given consent. Given the regulations around data privacy, clear instructions on how to manage cookie consent should be readily available and obvious.

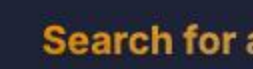
Suggested Fix
Add a clear instruction, such as "You can modify your cookie preferences anytime by clicking the 'Cookie Settings' link in the footer of the page" within the cookie settings dialog.

Why Fix This?
Enhanced user control over their data and compliance with privacy regulations, improves user experience.

Route To
Front-end developer, UX designer

AI Generated Functional Test Results

Start Page: HOME



Alden Demo_Tests

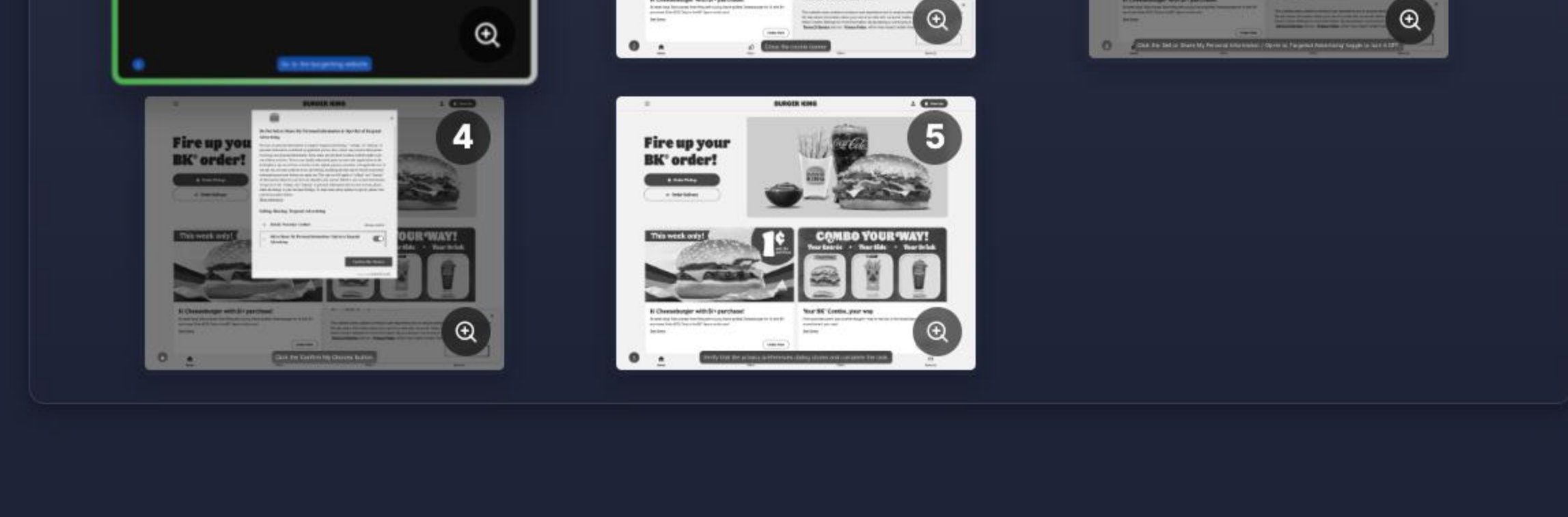
Search for a valid menu item

This test verifies that the search functionality returns relevant results when searching for a valid menu item (e.g., "Whopper"). It ensures the search engine correctly identifies and displays the requested item.



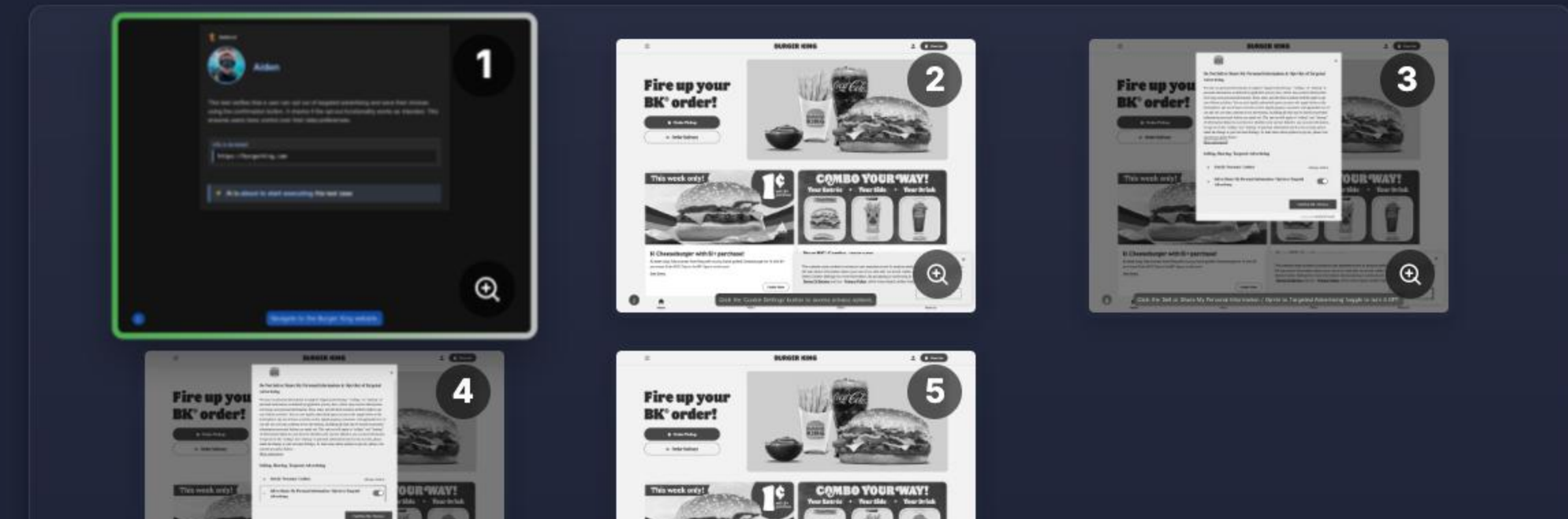
✓ Sell or Share Toggle On then Off then Confirm

This test verifies the complete flow of interacting with the 'Sell or Share My Personal Information' toggle, turning it off, and then confirming the choice. It validates that turning the toggle off and confirming the preferences saves the user's choice and dismisses the dialog accordingly. This is essential to make sure user data preferences are stored after clicking confirm.



✓ Opt out of Targeted Advertising and Confirm Choices

This test verifies that a user can opt out of targeted advertising and save their choices using the confirmation button. It checks if the opt-out functionality works as intended. This ensures users have control over their data preferences.



User Persona Feedback Summary



HOME



The primary purpose of the Burger King website is to promote current deals, facilitate online ordering for pickup or delivery, provide information about the menu, and encourage users to download the Burger King app.

Overall Score	Visual Design	Usability	Content Quality
★★★★☆	★★★★☆	★★★★☆	★★★★☆
The Burger King website is generally well-designed for its purpose, offering attractive deals and easy ordering options. However, the cookie consent interface is intrusive and the website could benefit from better mobile optimization and accessibility improvements.	The images are enticing, but the overall design feels a bit dated. The color scheme is energetic, but can be overwhelming.	Ordering is relatively easy, but the cookie consent pop-up is annoying. The site could benefit from improved mobile responsiveness.	The content is focused on deals and promotions, which is effective. Clear terms and conditions are provided for each offer.

Individual User Persona Feedback

Maria Rodriguez, 24

Persona: Maria is a college student working part-time. She's always looking for affordable meal options and appreciates convenience.

Overall Rating
★★★★☆

As a college student, I'm always looking for deals. The website makes it easy to find them and the pickup option is super convenient for when I'm on the go.

Actions Performed

- Browse deals
- Order for pickup

Suggestions

- Offer more student discounts.
- Improve the rewards program to make it more appealing.

David Chen, 35

Persona: David is a tech-savvy professional who values efficiency and convenience. He often orders food online after a long day at work.

Overall Rating
★★★★☆

The Burger King website works but I would like better design. I need my food efficiently, I do not care about privacy setting on cookies.

Actions Performed

- Order for delivery
- Check menu
- Redeem rewards

Suggestions

- Improve the mobile experience.
- Add more customization options to the ordering process.

Print Report