

# AI Test Results from testers.ai



The Instacart HOME page shows a mix of issues that need to be addressed. There is a concerning number of accessibility violations (WCAG) that degrade the experience for users with disabilities; examples include missing alt text for images and insufficient color contrast. The presence of a 'Failed Network Request' indicates a potential performance bottleneck, while the 'Basename Mismatch' bug suggests misconfiguration on the routing side.

### Best Aspects

The app's core functionality (ordering and delivering groceries) is not directly impacted by these issues, suggesting a fundamentally sound design.

### Areas for Improvement

The numerous accessibility violations create a barrier for users with disabilities, and the performance issues lead to a frustrating user experience.

## Quality Summary

### HOME



View [Detailed Analysis](#)

### Detailed Analysis

The Instacart HOME page is riddled with accessibility problems, as highlighted by the multiple WCAG violations. These range from missing alternative text for images and insufficient color contrast, to missing ARIA labels for carousel navigation buttons and lack of visual distinction for focus states. This creates a frustrating user experience for those relying on assistive technologies. Furthermore, the 'Failed Network Request' issue points to performance concerns, which are critical for a responsive shopping app. Rounding out the issues, a 'Basename Mismatch' indicates a routing configuration problem that could lead to broken links or incorrect page displays. Finally, the app showing a sign-in modal on the mobile version creates a cumbersome, unnecessary login process.

### Key Suggestions

- Conduct a thorough accessibility audit of the HOME page and address all WCAG violations.
- Investigate and optimize network requests to reduce the frequency of 'Failed Network Request' errors.
- Implement automated accessibility testing to prevent future regressions.
- Review and correct the routing configuration to eliminate the 'Basename Mismatch' error.
- Perform regular performance testing under various network conditions.

### Priority Improvements

- Implement proper error handling and retry mechanisms for network requests to mitigate 'Failed Network Request' issues.
- Add meaningful alt text to all images on the HOME page to comply with WCAG guidelines.
- Ensure sufficient color contrast (at least 4.5:1) between text and background elements to meet WCAG requirements.
- Add ARIA labels to carousel navigation buttons to improve accessibility for screen reader users.
- Implement clear and visually distinct focus states for all interactive elements to enhance usability.
- Resolve the 'Basename Mismatch' issue by reviewing and correcting routing configurations.

## Issues Found by AI Testers



### HOME



**Jason**  
AI Tester

#### Failed Network Request

Priority: 8/10 Confidence: 9/10

network performance

#### Why is this a bug?

The console log reports a 'net::ERR\_NAME\_NOT\_RESOLVED' error, indicating a failure to resolve the hostname for a network request. This suggests a DNS resolution problem or a typo in the URL, leading to a broken resource link.

#### Suggested Fix

Verify the URL for the failed resource request. Check DNS configuration and server availability. Add error handling to gracefully manage failed network requests.

#### Why Fix This?

Failed network requests lead to broken functionality, missing content, and a degraded user experience. Resolving these issues is critical for application reliability and performance.

#### Route To

Backend Engineer / DevOps



**Adeela**  
Mobile Responsive Tester

#### Unexpected 'Sign in with Google' Modal on Mobile View

Priority: 7/10 Confidence: 8/10

general WCAG

#### Why is this a bug?

The 'Sign in with Google' modal appears on the mobile view but not on the desktop view. This inconsistency could be confusing and disruptive for users on mobile devices, especially since it covers content. It also could be problematic for accessibility, since it appears abruptly and may catch users off guard. The button is also not spaced well from surrounding elements.

#### Suggested Fix

Investigate the conditions under which the 'Sign in with Google' modal appears. If it's intended to be mobile-only, ensure it's triggered in a non-intrusive way, and its appearance doesn't cover core page elements. Consider using a banner or a less obstructive method for prompting login. Ensure sufficient spacing around the button.

#### Why Fix This?

A modal appearing only on mobile and covering content creates a poor user experience and may decrease conversions. It also has potential WCAG implications, as it could disrupt the user flow and make the page less accessible.

#### Route To

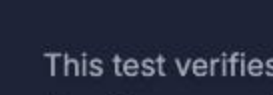
Frontend Engineer

#### Relevant Network Call

Likely involves calls related to user authentication and session management.

## AI Generated Functional Test Results

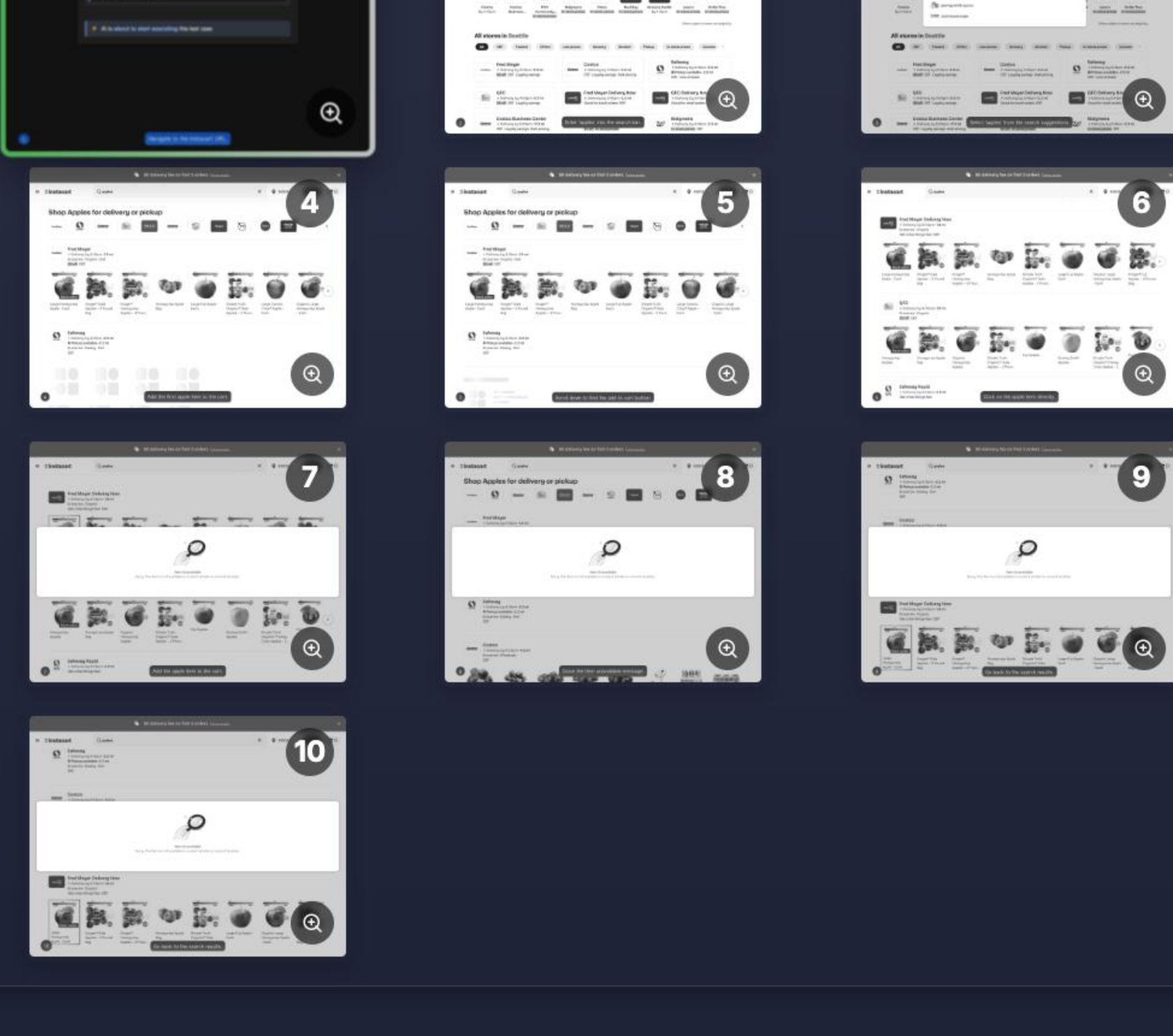
### Start Page: HOME



**Aiden**  
Demo\_Tests

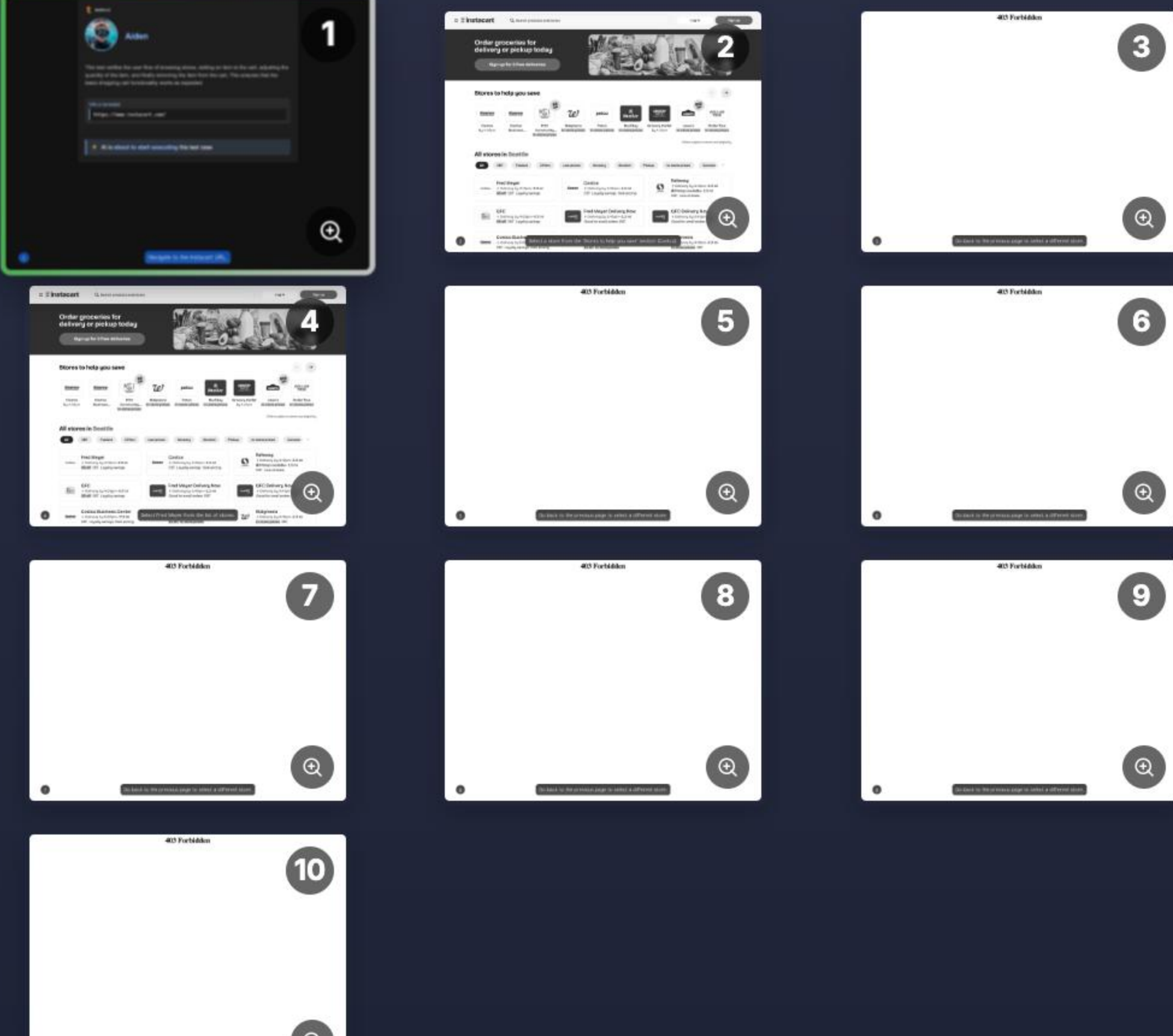
#### Search, add item, and proceed to checkout

This test verifies the user flow of searching for an item, adding the item to the cart, and proceeding to the checkout process. This tests the core shopping flow from search to checkout.



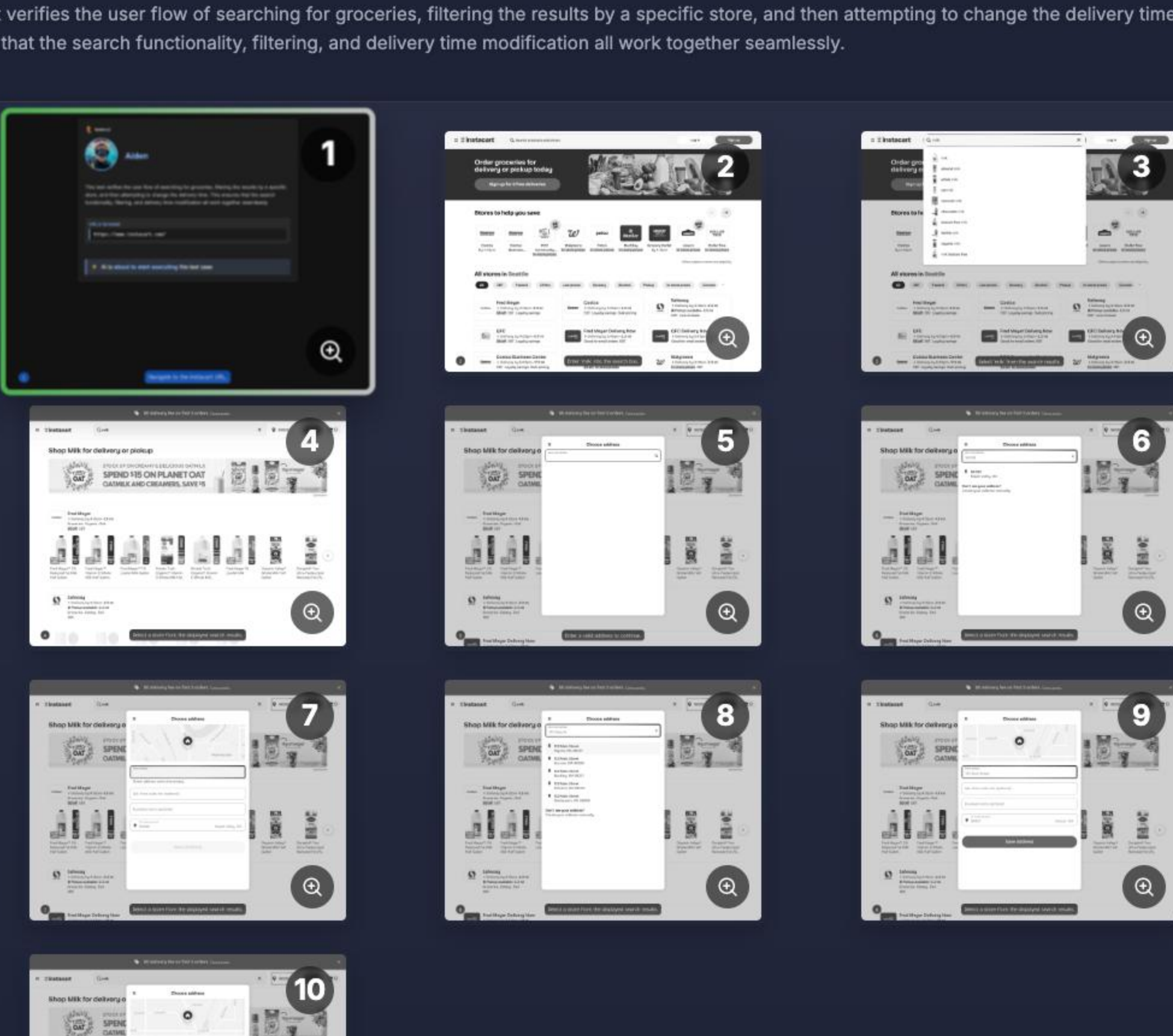
#### Browse, add, adjust quantity, and remove from cart

This test verifies the user flow of browsing stores, adding an item to the cart, adjusting the quantity of the item, and finally removing the item from the cart. This ensures that the basic shopping cart functionality works as expected.



#### Search, filter, then change delivery time

This test verifies the user flow of searching for groceries, filtering the results by a specific store, and then attempting to change the delivery time. This ensures that the search functionality, filtering, and delivery time modification all work together seamlessly.



## User Persona Feedback Summary



### HOME



The webpage is designed to allow users to order groceries and other goods online for delivery or pickup from a variety of stores.

#### Overall Score



The site is generally well-designed and easy to use. The search functionality is prominent, and the categories are helpful. The display of available stores and delivery options is clear. The value proposition of convenience and time-saving is well-articulated. More details on delivery fees and estimated costs would be beneficial.

#### Visual Design



The visual design is appealing and professional, making the site feel trustworthy and user-friendly.

#### Usability



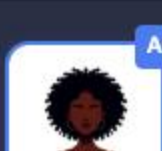
The website is generally easy to use. The search bar is prominent, and the browsing categories are helpful. The delivery options are clearly displayed.

#### Content Quality



The content is relevant and informative, effectively communicating the value proposition of Instacart.

### Individual User Persona Feedback



**Aisha Jackson, 35**

Persona: Aisha is a busy marketing manager who works long hours. She lives in a downtown apartment and values convenience and time-saving solutions.

#### Overall Rating



*As a working professional, Instacart is a game-changer for me. It's simple to navigate, and I appreciate the variety of stores available. The delivery updates are very helpful.*

#### Actions Performed

- Search for specific grocery items
- Browse stores based on proximity

#### Suggestions

- Add more filtering options for dietary restrictions.
- Include a price comparison tool.
- Offer a loyalty program for frequent users.



**David Chen, 62**

Persona: David is a retired engineer who enjoys cooking and trying new recipes. He is less familiar with online shopping and appreciates simplicity and clear instructions.

#### Overall Rating



*I'm not very familiar with online shopping, so I found the website a bit overwhelming at first. However, the clear categories and helpful descriptions made it easier to navigate.*

#### Actions Performed

- Browse grocery categories
- Look for deals and discounts

#### Suggestions

- Add a tutorial or step-by-step guide for first-time users.
- Simplify the layout and reduce the number of images.
- Provide more detailed product information, including ingredients and nutritional information.



**Emily Carter, 28**

Persona: Emily is a tech-savvy software engineer. She is always looking for ways to improve her efficiency and automate tasks.

#### Overall Rating



*As a tech-savvy user, I appreciate the clean and modern interface. The search and filtering options are very helpful, but I wish there were more advanced features for power users.*

#### Actions Performed

- Search for specific grocery items
- Compare prices between different stores

#### Suggestions

- Add more advanced filtering options.
- Include a price comparison tool.
- Develop an API for developers.

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