Day 5 - Testing and Backend Refinement – Fusion Filling

Testing Report (CSV Format):

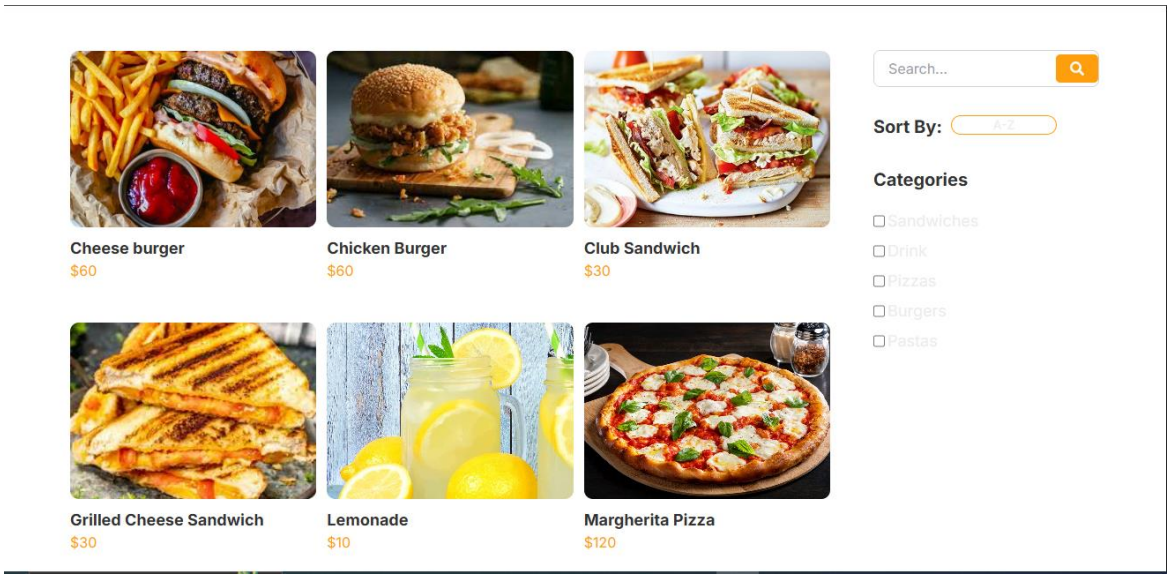
A	B	C	D	E	F	G	H	I
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate food items listing page	Open shop page > Verify all food items	Food items should be displayed correctly and instantly.	Food items displayed correctly and instantly.	Passed	Medium	-	No issues found
TC002	API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message is shown	Passed	Medium	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful
TC005	Add items to cart by different users	Login from one user > add some items to cart > logout and login from other user > his items should be seperate from the old user.	Both users cart items are stored seperately in browser cookies.	Both users cart items are stored seperately in browser cookies.	Passed	-	-	Test successful
TC006	Add to cart without authentication	Go to food item detail page (withotut login) > add item to cart	User should be redirected to sign up page	User is redirected to sign in page on clicking add to cart if he is not signed in	Passed	High	-	Test successful
TC007	Validate search bar	Go to shop page > click on search > type something which is not in sanity database	No Items found text should be shown	No items found is shown.	Passed	High	-	Handled gracefully

Functional Deliverables:

Details Of All Test Cases:

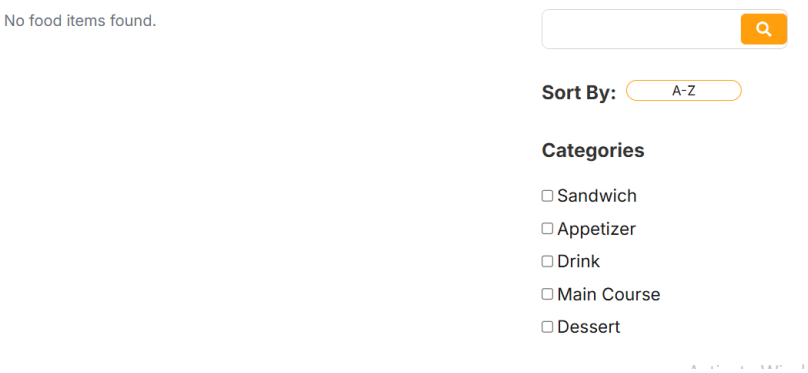
Test Case: TC001 – Validate Product Listing Page

- Test Steps:
    1. Open shop page
    2. Verify all food items with sanity studio
- Expected Result: Food items should be displayed correctly and instantly.
- Actual Result: All food items are displayed correctly and instantly loaded.
- Status: Passed.
- Severity Level: High.
- Remarks: No issues found.



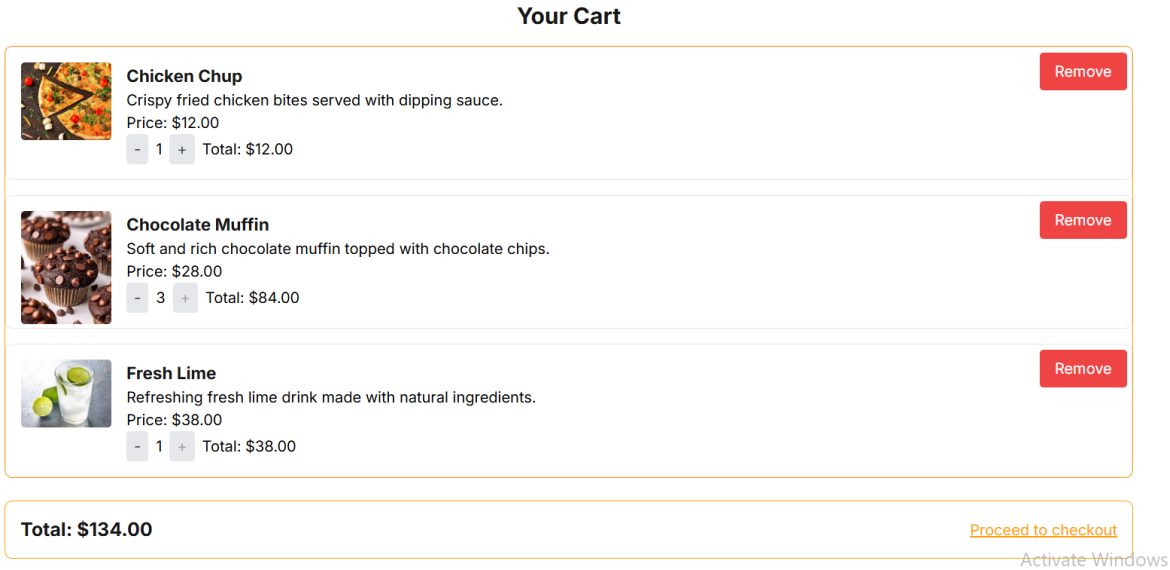
Test Case: TC002 – API Error Handling

- Test Steps:
    1. Disconnect internet.
    2. Refresh page.
- Expected Result: Show fallback UI with error message.
- Actual Result: Error message is shown.
- Status: Passed.
- Severity Level: Medium.
- Remarks: Handled gracefully.



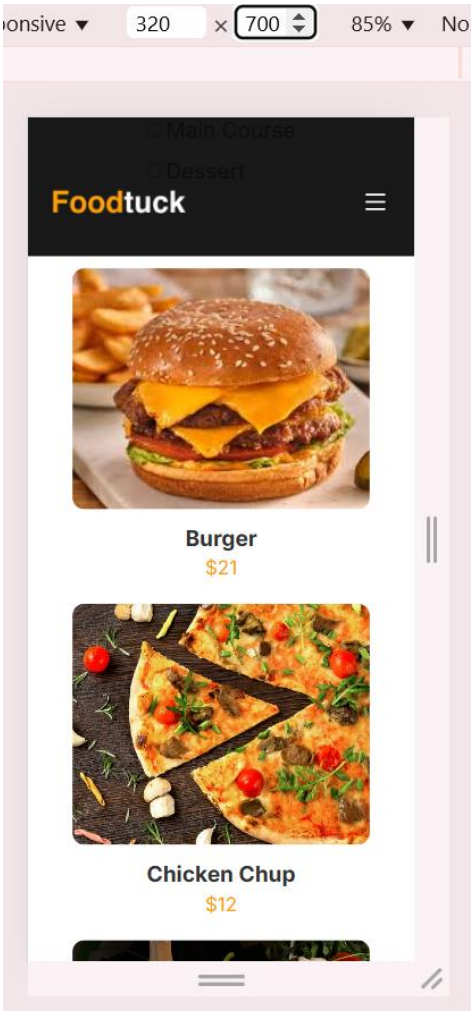
Test Case: TC003 – Check Cart Functionality

- Test Steps:
    1. Add product to cart.
    2. Verify cart items.
- Expected Result: Cart updates with added product.
- Actual Result: Cart updates as expected.
- Status: Passed.
- Severity Level: High.
- Remarks: Works as expected.



Test Case: TC004 – Ensure Responsiveness on Mobile

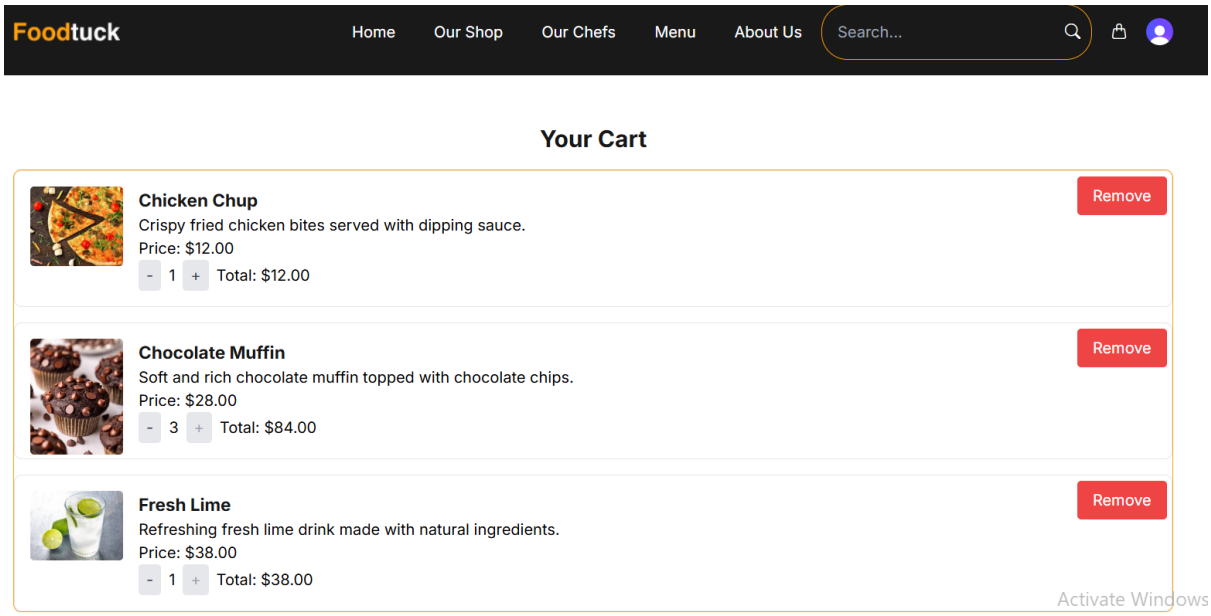
- Test Steps:
    1. Resize browser window.
    2. Check layout.
- Expected Result: Layout adjusts properly to screen size.
- Actual Result: Responsive layout working as intended.
- Status: Passed.
- Severity Level: Medium.
- Remarks: Test successful.



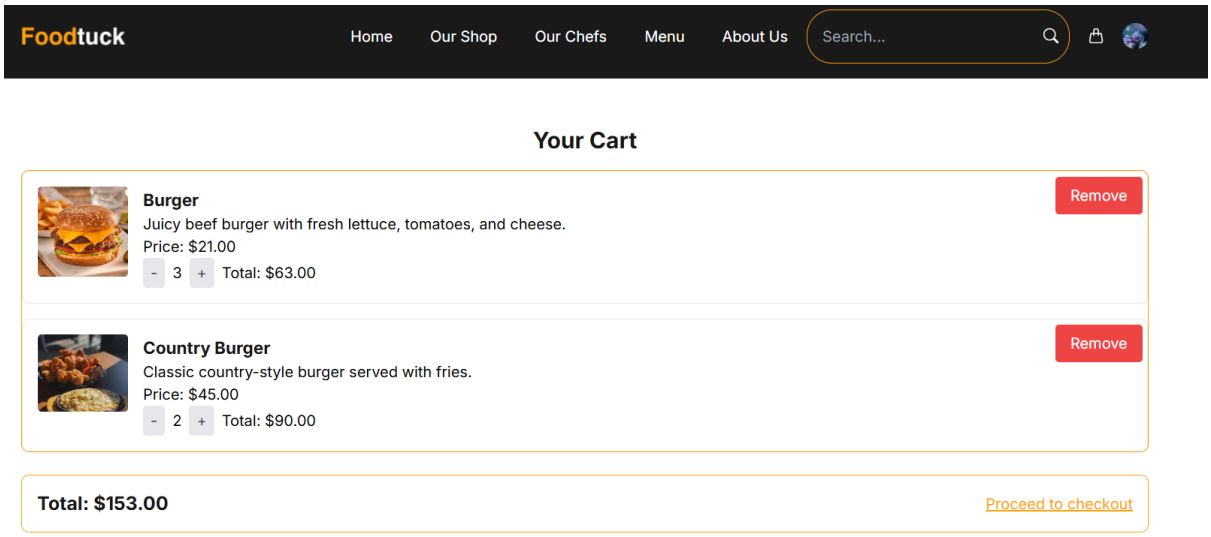
Test Case: TC005 – Add Items to Cart by Different Users

- Test Steps:
    1. Login from one user.
    2. Add some items to cart.
    3. Logout and login from another user.
    4. Add some items again to this user's cart.
    5. All users cart items should be separate from each other.
- Expected Result: Both users cart items should be stored separately in browser cookies.

- Actual Result: Both users cart items are stored separately in browser cookies.
- Status: Passed.
- Severity Level: Low.
- Remarks: Test successful.



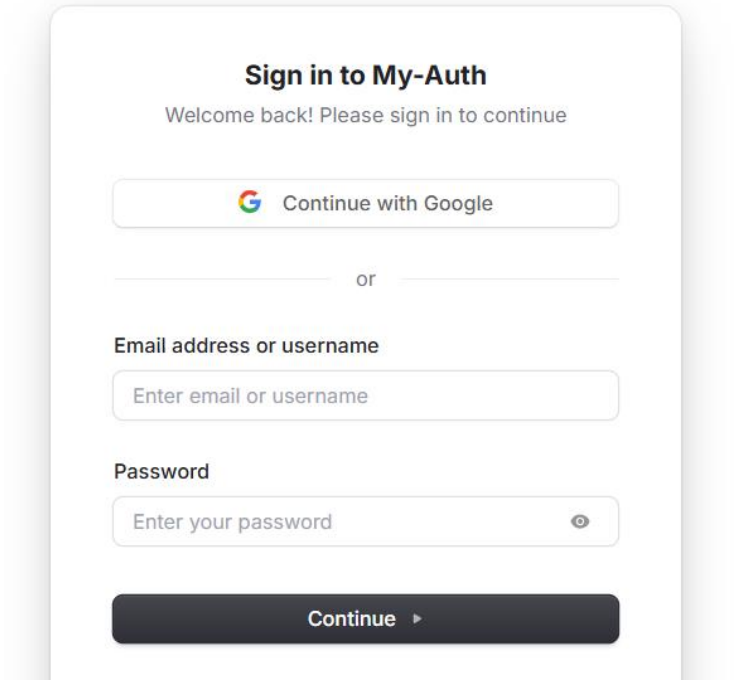
User 1 Cart.



User 2 Cart.

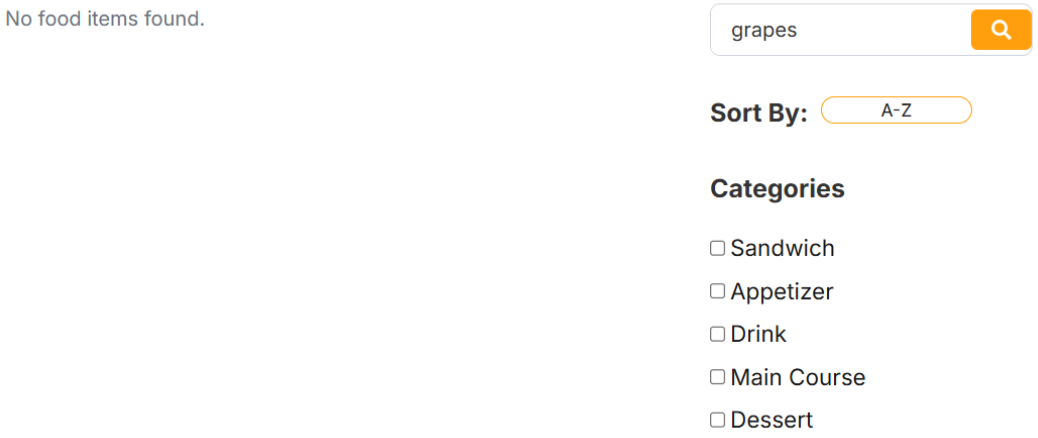
Test Case: TC006 – Add to cart without authentication

- Test Steps:
    1. Go to food item detail page without login
    2. Add item to cart.
- Expected Result: User should be redirected to sign up page.
- Actual Result: User is redirected to sign in page on clicking add to cart if he is not signed in.
- Status: Passed.
- Severity Level: High.
- Remarks: Test successful.

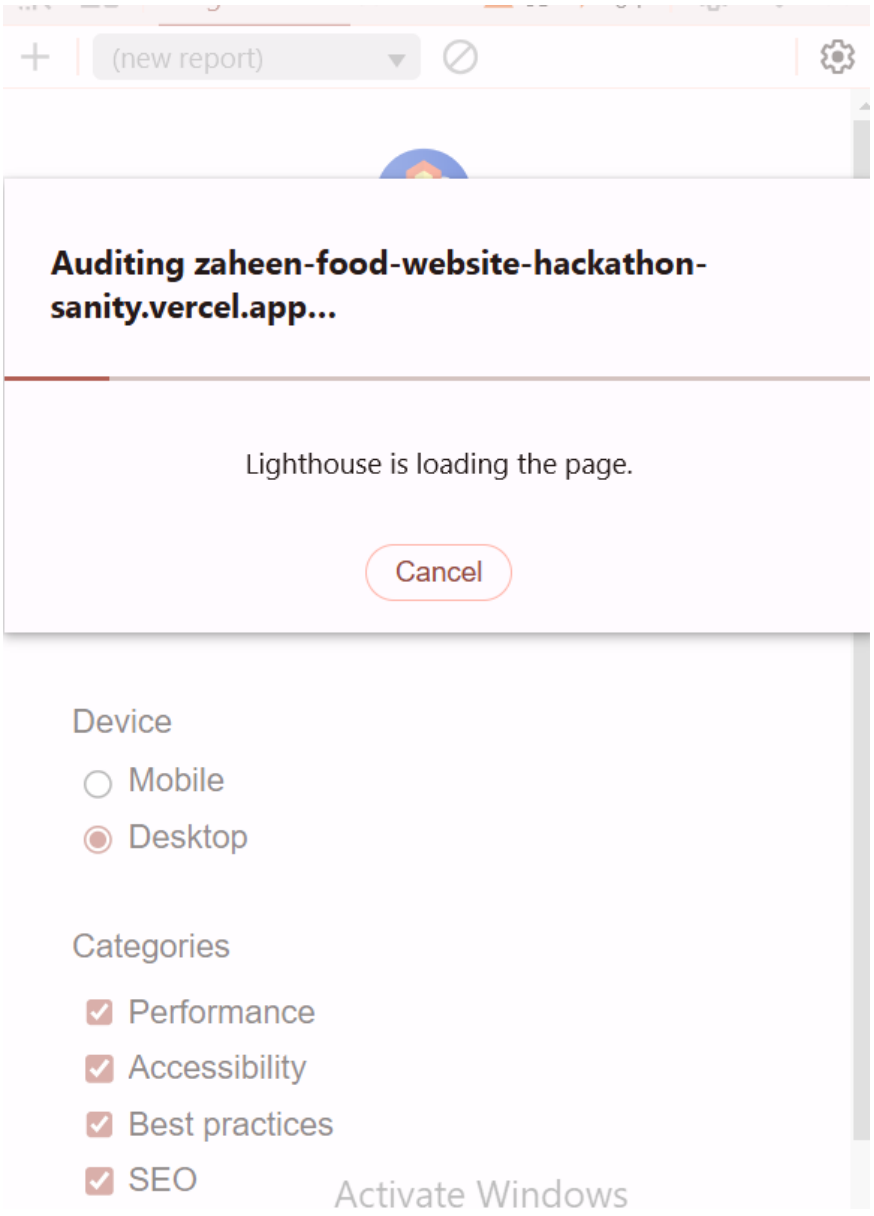


Test Case: TC007 – Validate search bar

- Test Steps:
    1. Go to shop page.
    2. Click on search.
    3. Type something which is not in sanity database
- Expected Result: No Items found text should be shown.
- Actual Result: No items found is shown.
- Status: Passed.
- Severity Level: High.
- Remarks: Handled gracefully.



Website Performance & SEO Using Lighthouse Developer Tool: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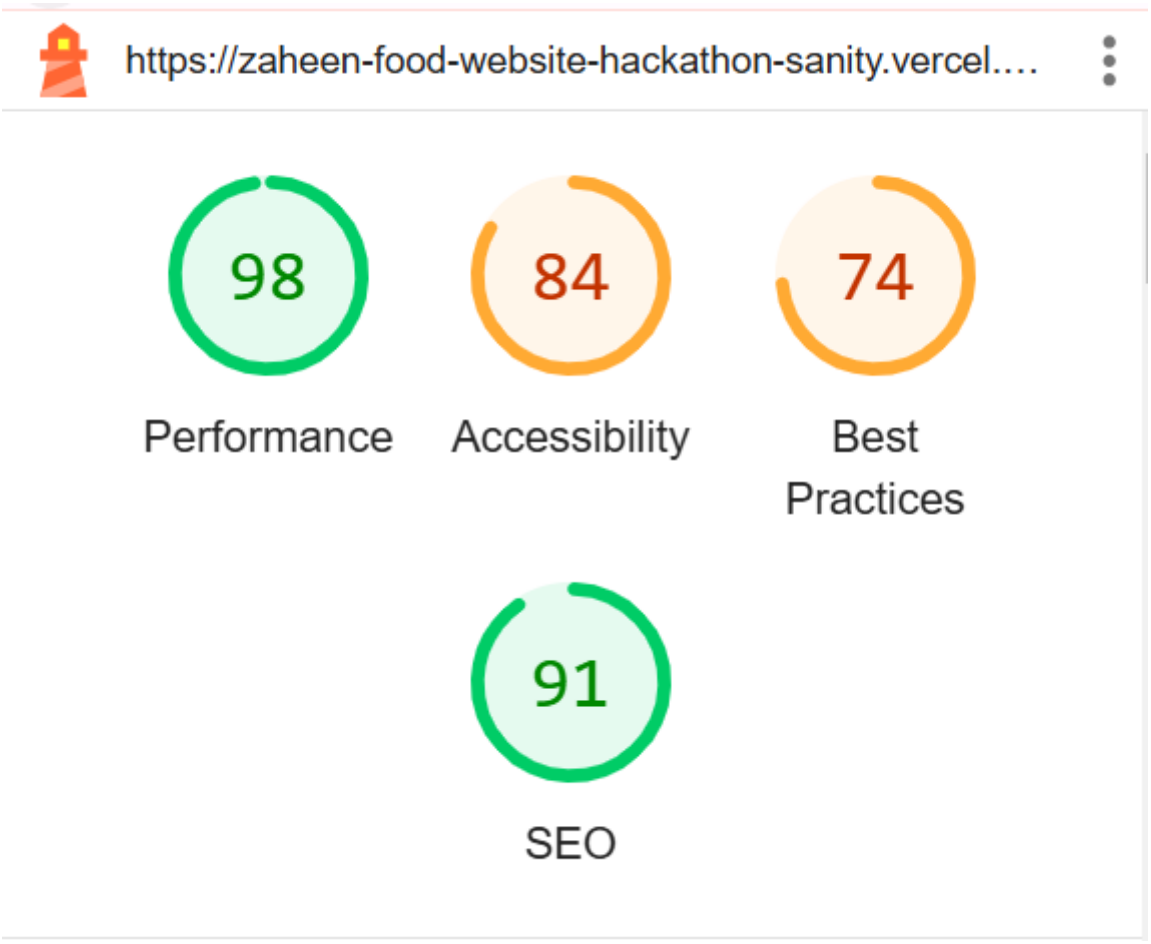
Mobile
Desktop
Categories
Performance
Accessibility
Best practices
SEO
Activate Windows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98
Performance
84
Accessibility
74
Best Practices
91
SEO