Prepared By – Hammad

Test Case : TC001

Description: Verify the homepage loads correctly.

Expected Result: Homepage is displayed properly with all elements in place.
Status: Passed
Severity: Low
Remarks: No issues were found during the test.

Test Case ID: TC002
Description: Verify that the product list page loads correctly.

Expected Result: All products should load correctly with their respective details.
Status: Passed
Severity: Medium
Remarks: No issues found during the test.

Test Case ID: TC003
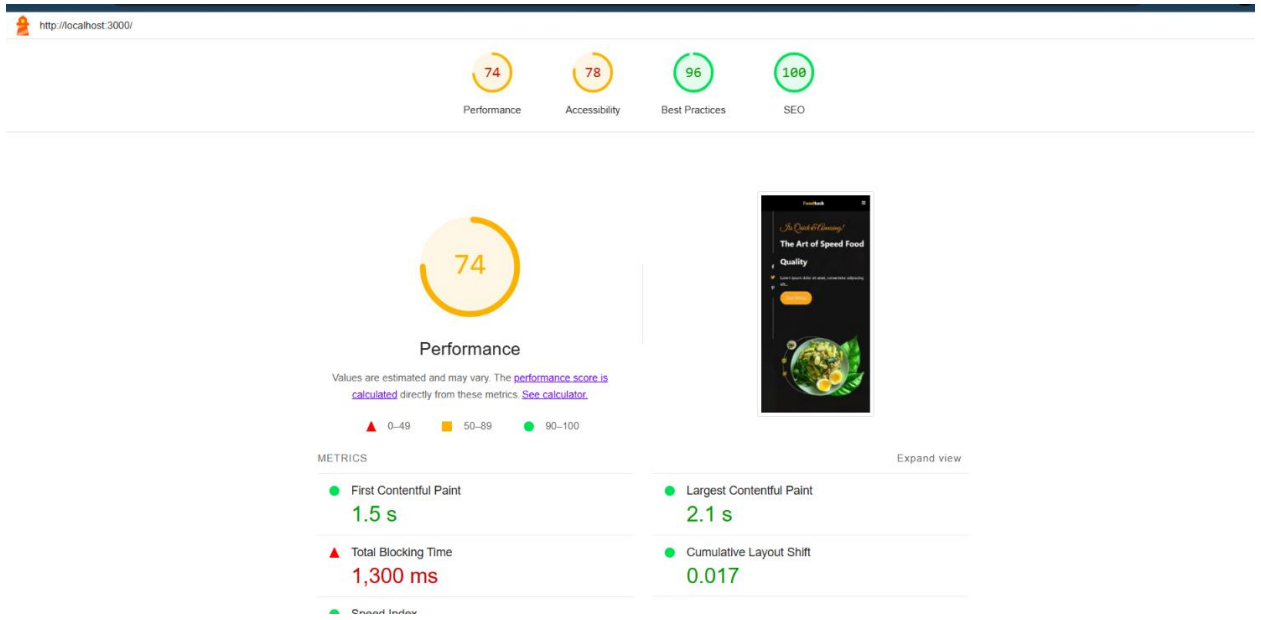**Description**: Verify that the product details page is functioning properly.

Expected Result: The product details page should display correct product details and allow the user to add the product to the cart.
Status: Passed
Severity: High
Remarks: No issues found during the test.

----------Lighthouse Performance Report for My Website--------

http://localhost:3000/

| 74 | 78 | 96 | 100 |
| Performance | Accessibility | Best Practices | SEO |

74

Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49   ■ 50–89   ● 90–100

METRICS   Expand view

● First Contentful Paint
1.5 s

● Largest Contentful Paint
2.1 s

▲ Total Blocking Time
1,300 ms

● Cumulative Layout Shift
0.017

● Speed Index

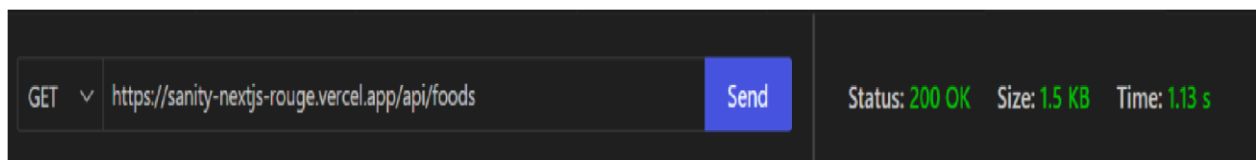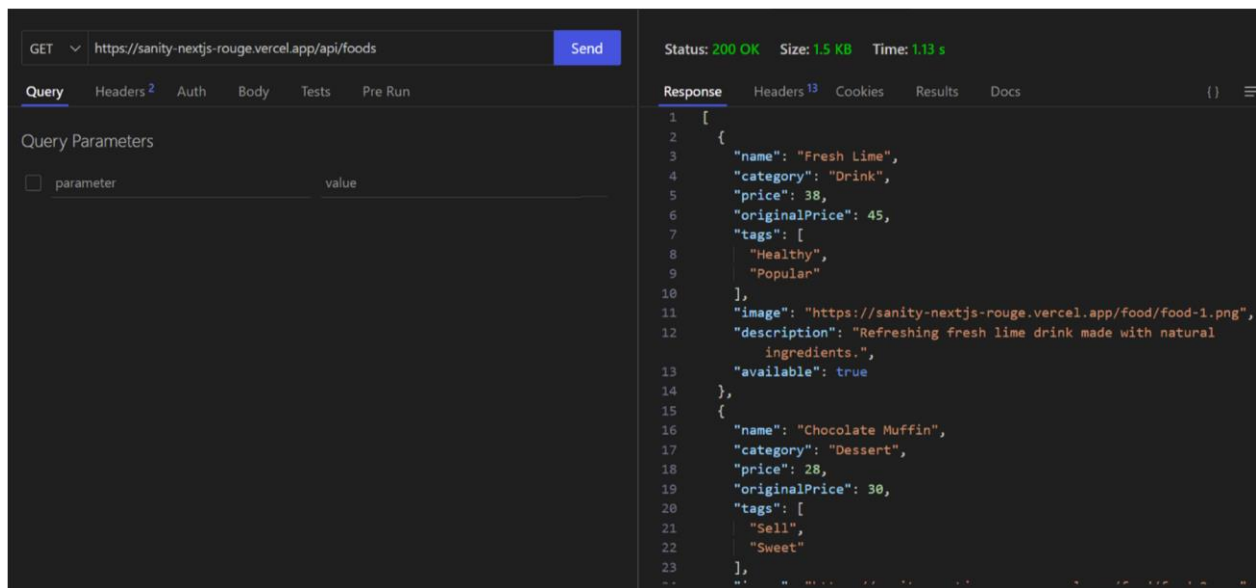
Test Case ID: TC004

Description: Verify the correct API response for fetching product data.

Expected Result: The API should return a 200 status with the correct product data.

Status: Passed

Severity: High

Remarks: API is responding correctly with the product data.

```
GET  v   https://sanity-nextjs-rouge.vercel.app/api/foods        Send       Status: 200 OK   Size: 1.5 KB   Time: 1.13 s

Query   Headers 2   Auth   Body   Tests   Pre Run          Response   Headers 13   Cookies   Results   Docs        { }  ≡

Query Parameters                                            1   [
                                                            2     {
    parameter              value                            3       "name": "Fresh Lime",
                                                            4       "category": "Drink",
                                                            5       "price": 38,
                                                            6       "originalPrice": 45,
                                                            7       "tags": [
                                                            8         "Healthy",
                                                            9         "Popular"
                                                           10       ],
                                                           11       "image": "https://sanity-nextjs-rouge.vercel.app/food/food-1.png",
                                                           12       "description": "Refreshing fresh lime drink made with natural
                                                                       ingredients.",
                                                           13       "available": true
                                                           14     },
                                                           15     {
                                                           16       "name": "Chocolate Muffin",
                                                           17       "category": "Dessert",
                                                           18       "price": 28,
                                                           19       "originalPrice": 30,
                                                           20       "tags": [
                                                           21         "Sell",
                                                           22         "Sweet"
                                                           23       ],
```

```
GET  v   https://sanity-nextjs-rouge.vercel.app/api/foods        Send       Status: 200 OK   Size: 1.5 KB   Time: 1.13 s
```

Test Case ID: TC005
Description: Verify that the cart page displays the correct products.
Test Steps:

1. **Expected Result**: The cart page should display the correct products and allow the user to remove items. **Status**: Passed
   Severity: Medium
   Remarks: No issues found during the test.

Burger

Refreshing fresh lime drink made with natural ingredients.

Price: $38.00

− 1 +

Add to Cart

Product Display Page Load Efficiency

Description: Validate the speed and accuracy of loading the product list page.

1. **Expected Result**: The page should load in under 2 seconds and all elements should display without any errors or delays.
   Status: Passed
   Severity: Medium
   Remarks: No issues found during the performance test.

Description: Check the performance and accuracy of the product details page.

2. **Expected Result**: The product details page should load quickly and display accurate information.
   Status: Passed
   Severity: High
   Remarks: The page loaded efficiently with all details intact.

Description: Test the API response time and data consistency for fetching product information.

1. **Expected Result**: The API should return data within an acceptable time frame and maintain accuracy. **Status**: Passed
   Severity: medium
   Remarks: API response was timely and accurate.

   Description: Ensure that the cart page loads correctly and functions smoothly.

   Expected Result: The cart page should load efficiently and allow seamless updates.
   Status: Passed
   Severity: Medium
   Remarks: The cart functioned well and updated promptly without performance issues.

Description: Evaluate the performance of the homepage loading and content rendering .

1. **Expected Result**: Homepage should load in under 3 seconds with all content rendering correctly. **Status**: Passed
   Severity: Low
   Remarks: Homepage loaded quickly, and there were no performance issues.

 Description: Verify the product search functionality on the website.

Expected Result:

- For valid product names: Relevant product(s) should be displayed with proper details (e.g., product name, price, image, etc.).
- For invalid product names: A message such as "No products found" should be displayed.
  - ☐   The search should handle case sensitivity and partial matches correctly.

Status: Passed **Severity:**
High

Remarks:

- Valid search results displayed correctly.
- Proper error message shown for invalid searches.

Food List

Category

☐ Lime
☐ Orange
☐ Mango
☐ Burger
☑ Pizza
☐ Cake
☐ Wrap
☐ Soup
☐ Salat
☐ Biryani
☐ Sandwich

ch

Cheezy Pizza
Cheezy Pizza with fantasy taste
$40.00 $30.00
Category: Pizza

Chicken Chup
Crispy fried chicken bites served with dipping sauce.
$12.00 $15.00
Category: Appetizer

Chapli Kabab
Refreshing fresh lime drink made with natural ingredients.
$38.00 $45.00
Category: kabab

Latest Products

Chicken Tikka
$34.00

custurd
$40.00
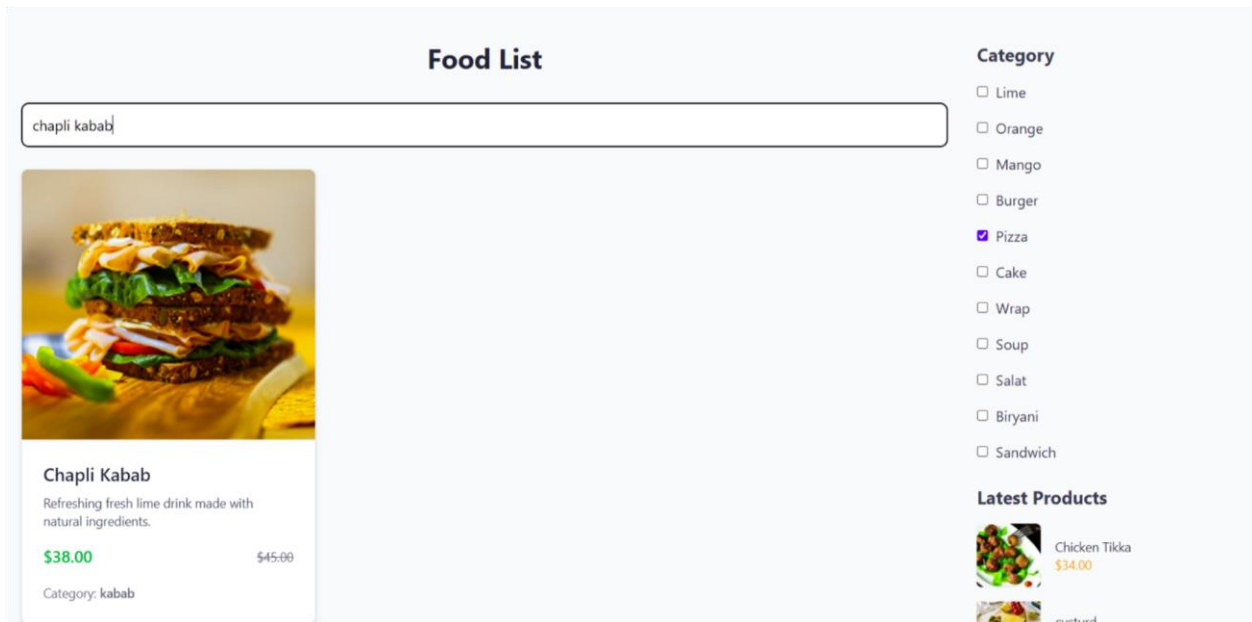
Description: Verify responsive design on mobile view.

Expected Result: The Full layout adjusts correctly with appropriate font sizes and Images for mobile view.

Status: Passed
Severity: high
Remarks: No layout issues found on mobile devices.

Description: Verify error handling when an invalid URL is accessed.

Expected Result: The user should be redirected to a 404 error page or see a message indicating the page is not found.

Status: Passed
Severity: High
Remarks: The error page loads as expected with the proper error message.

Test Case ID	Description	Steps	Expected Result	Actual Result	Status	Severity	Remarks
TC001	Validate homepage loading	Open homepage	Homepage displayed correctly	Homepage displayed correctly	Passed	Low	No issues found
TC002	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Medium	No issues found
TC003	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	Handled gracefully
TC004	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	Works as expected
TC005	Responsive design on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	Test successful
TC006	Product search functionality	Search valid/invalid product names	Relevant results or error message displayed	Results handled correctly	Passed	High	No issues