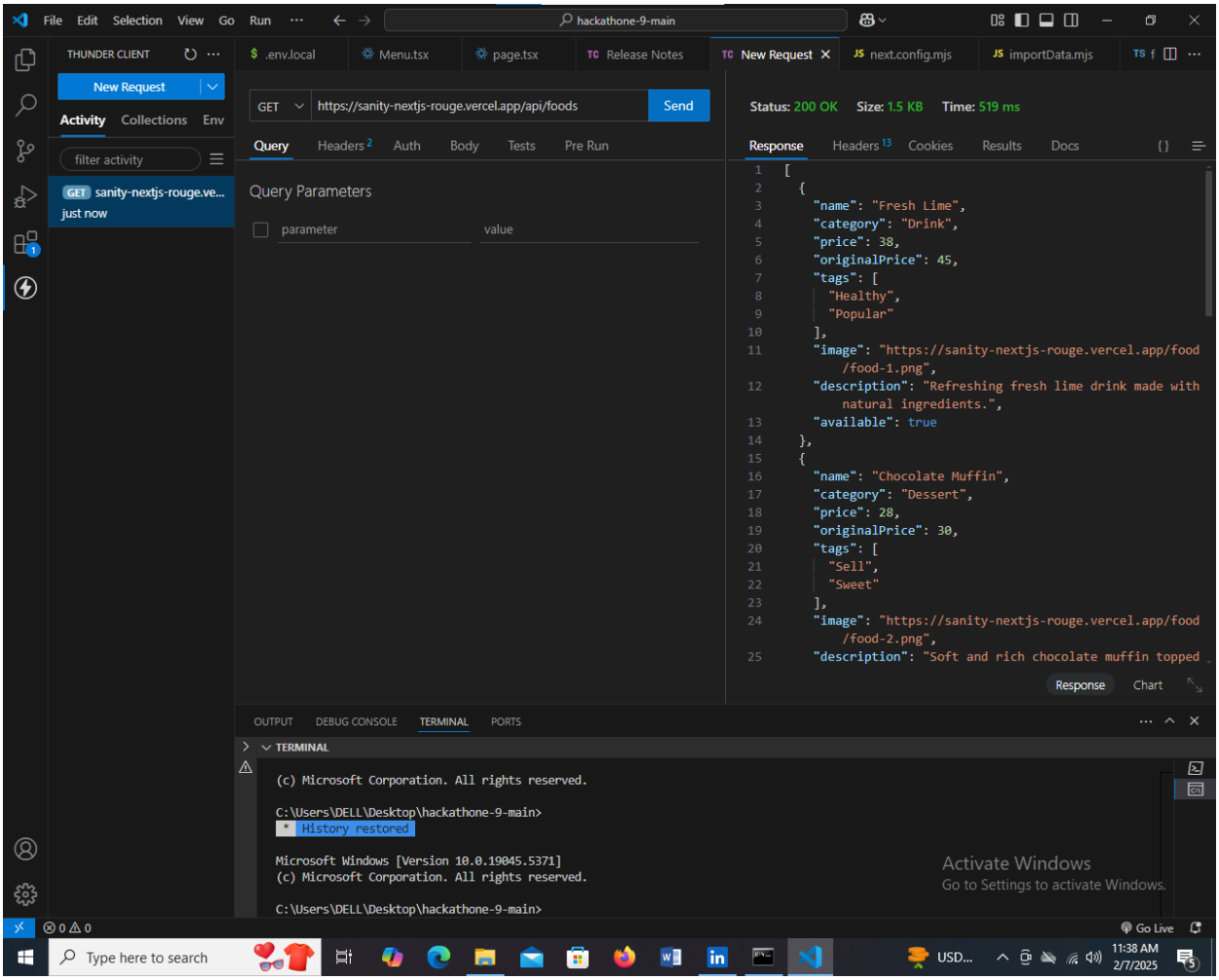
Day#5 Testing.Error Handling and Backend Integration Refinement Food Tuck

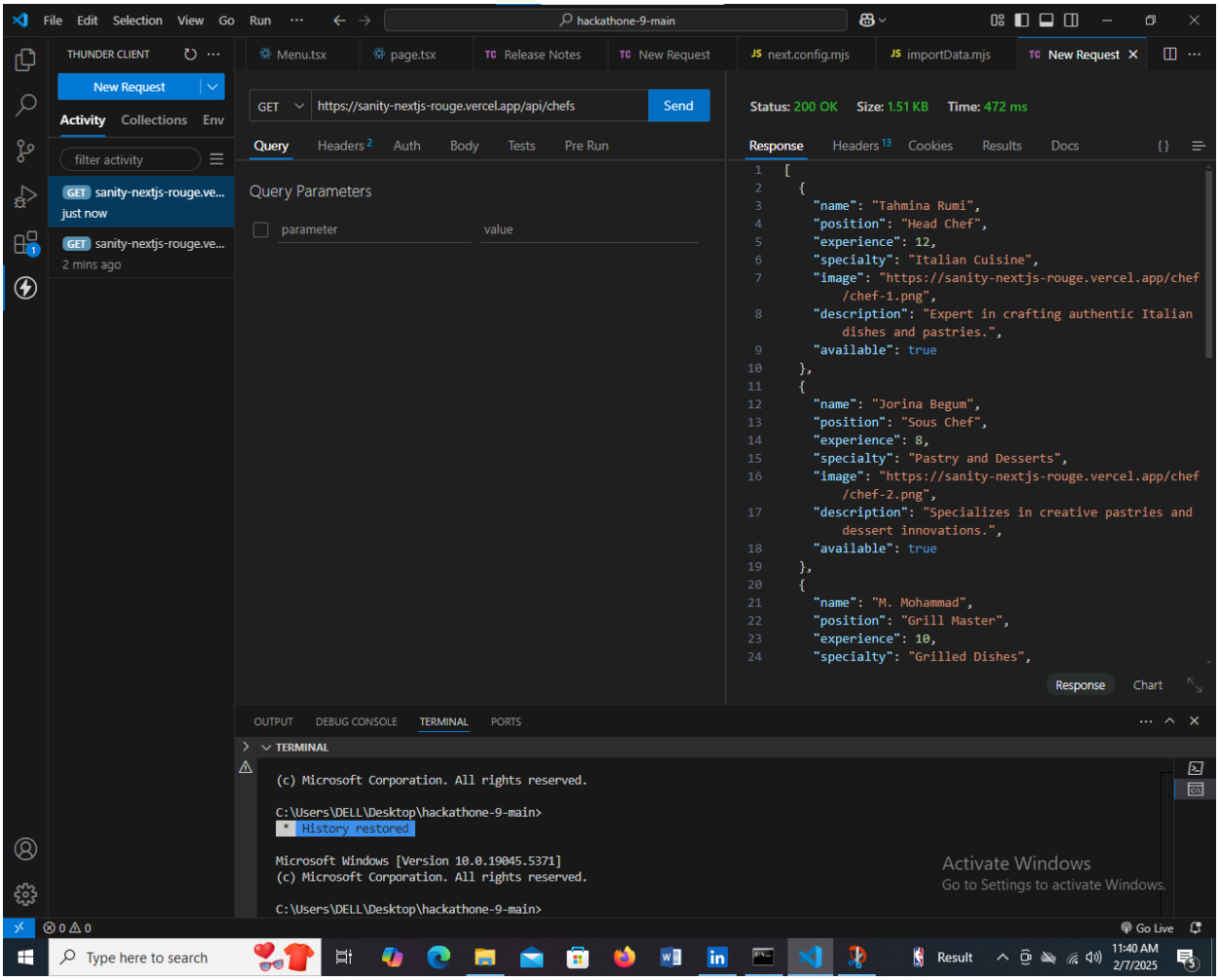
Made by : Muhammd Bilal Qureshi

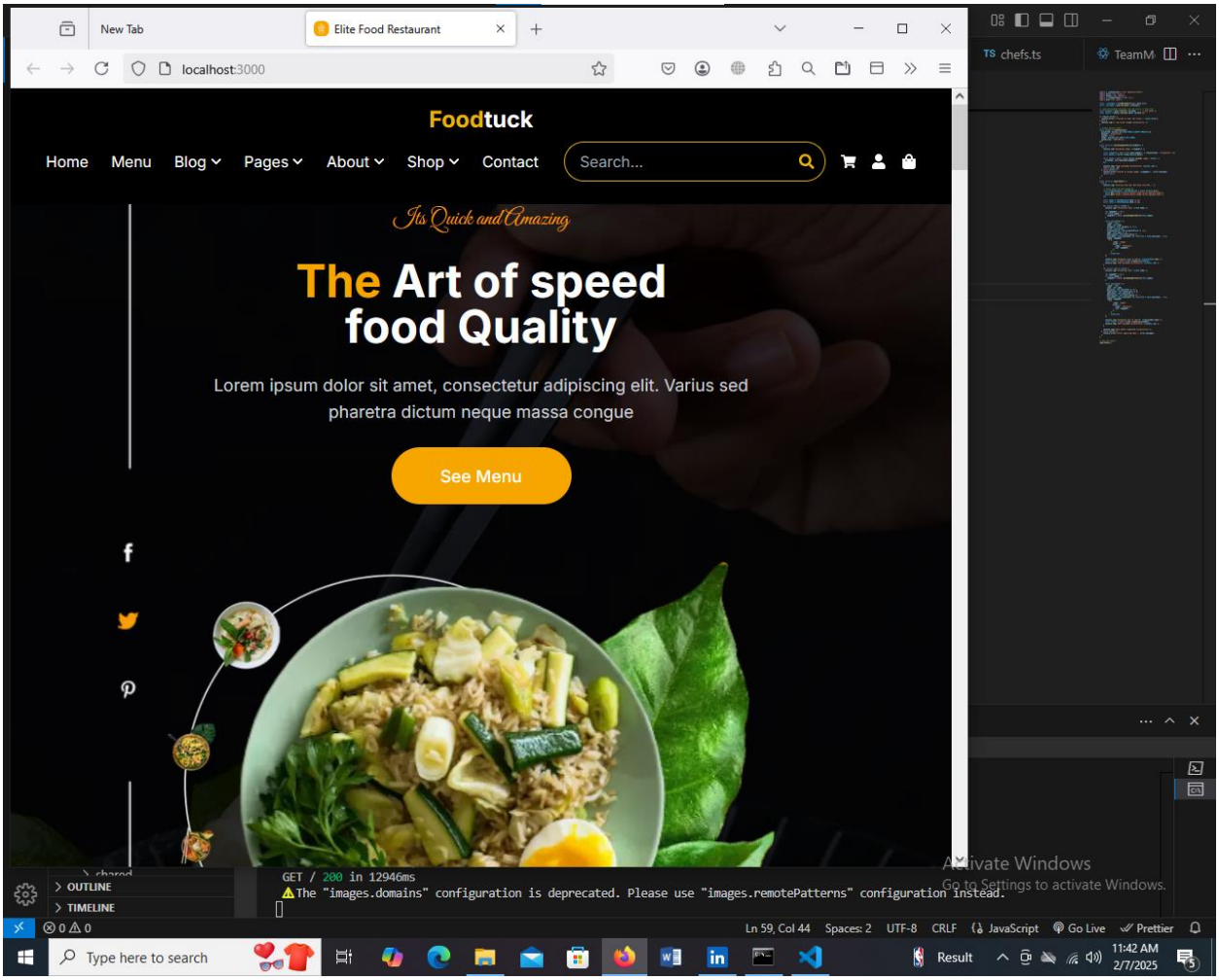
ID:00075879 Timing: 2:00 to 5:00

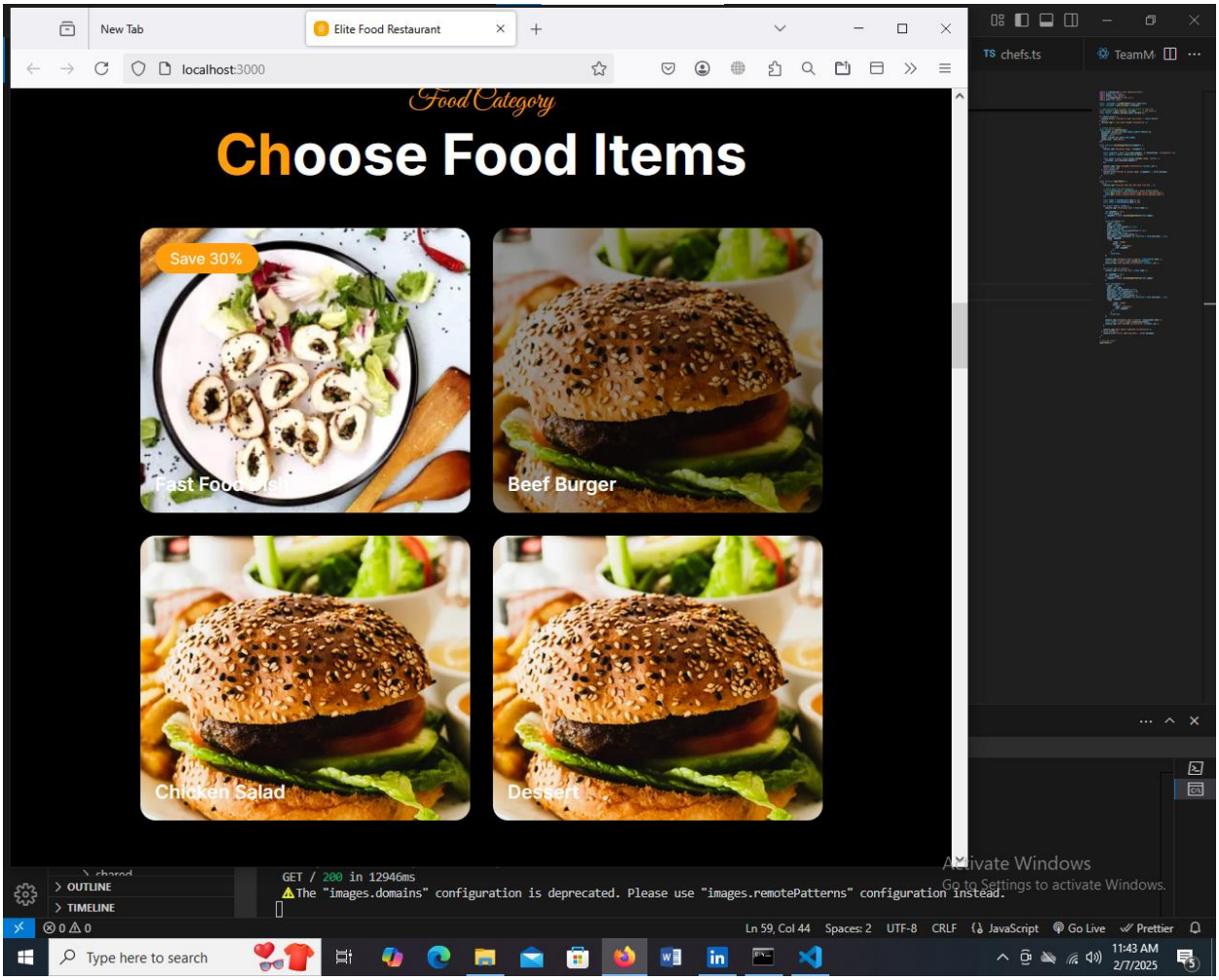
Testing components in a **Quick Commerce food website** is essential to ensure smooth functionality, performance, and a great user experience.

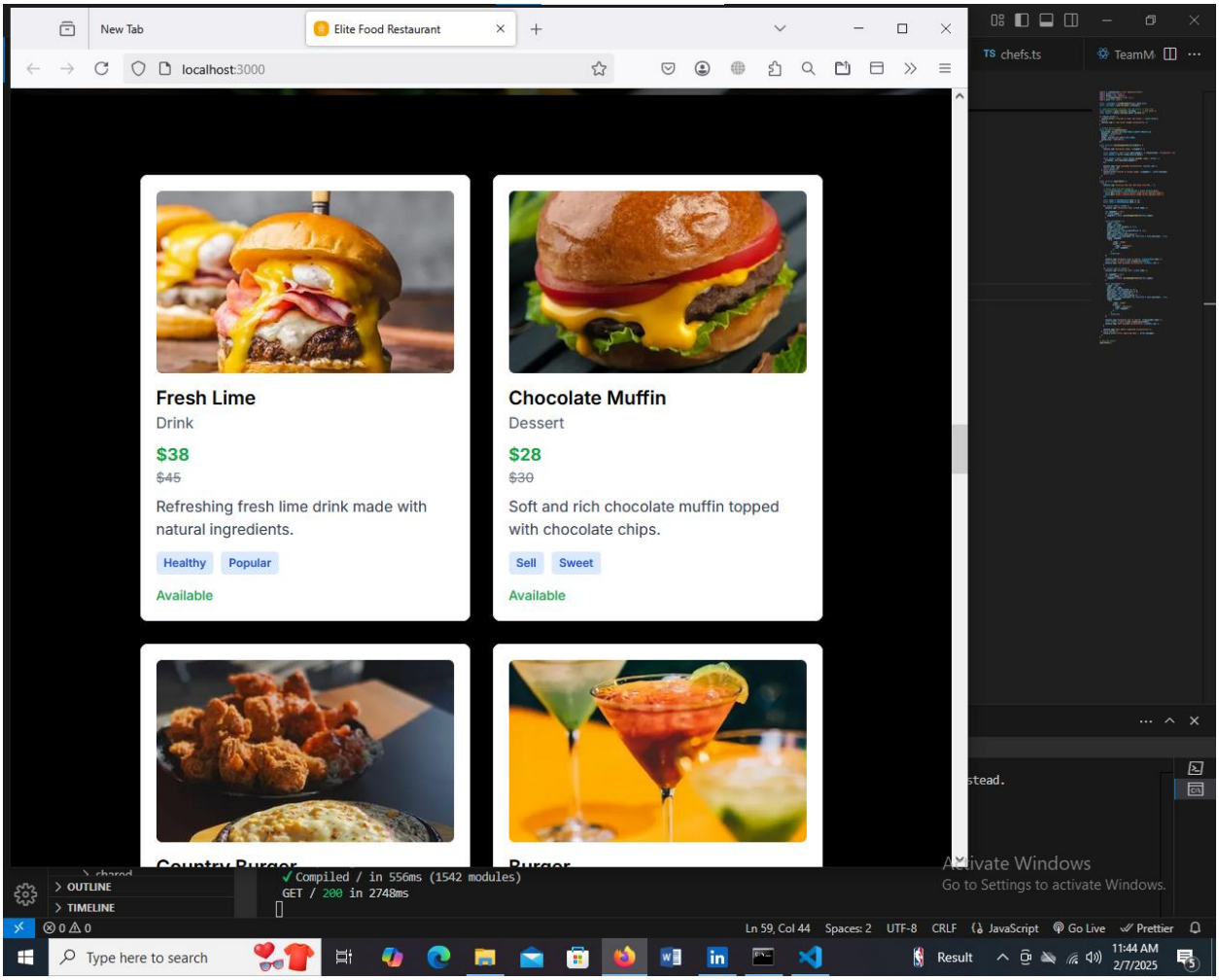
1. **Food Chef Component Testing** – This includes verifying that chefs' profiles, recipes, and availability are displayed correctly. UI testing ensures that images, descriptions, and ratings are properly rendered. Functional testing checks if users can interact with the chef's menu, place orders, and get real-time updates.
2. **Cart Functionality Testing** – The cart must handle adding, removing, and updating items efficiently. Testing should cover edge cases like applying discount codes, handling out-of-stock items, and maintaining session-based cart data. It is also crucial to test for state management across different pages and devices.
3. **Dynamic Routing Testing** – Since Quick Commerce websites rely heavily on fast navigation, dynamic routing should be tested for seamless transitions between product pages, checkout, and user profiles. This includes checking route parameters, lazy loading, and handling 404 errors gracefully.
4. **Performance Optimization Testing** – Performance is critical for e-commerce success. Using **Lighthouse**, developers can analyze core web vitals such as First Contentful Paint (FCP), Largest Contentful Paint (LCP), and Cumulative Layout Shift (CLS). Optimization involves reducing page load times, optimizing images, and implementing caching strategies.
5. **API Fetching and Validation** – The website relies on APIs for fetching product data, user details, and order status. Testing API responses using tools like **Thunder Client** ensures proper request handling, error handling (such as 404 and 500 responses), and response validation (checking JSON structure, status codes, and headers).

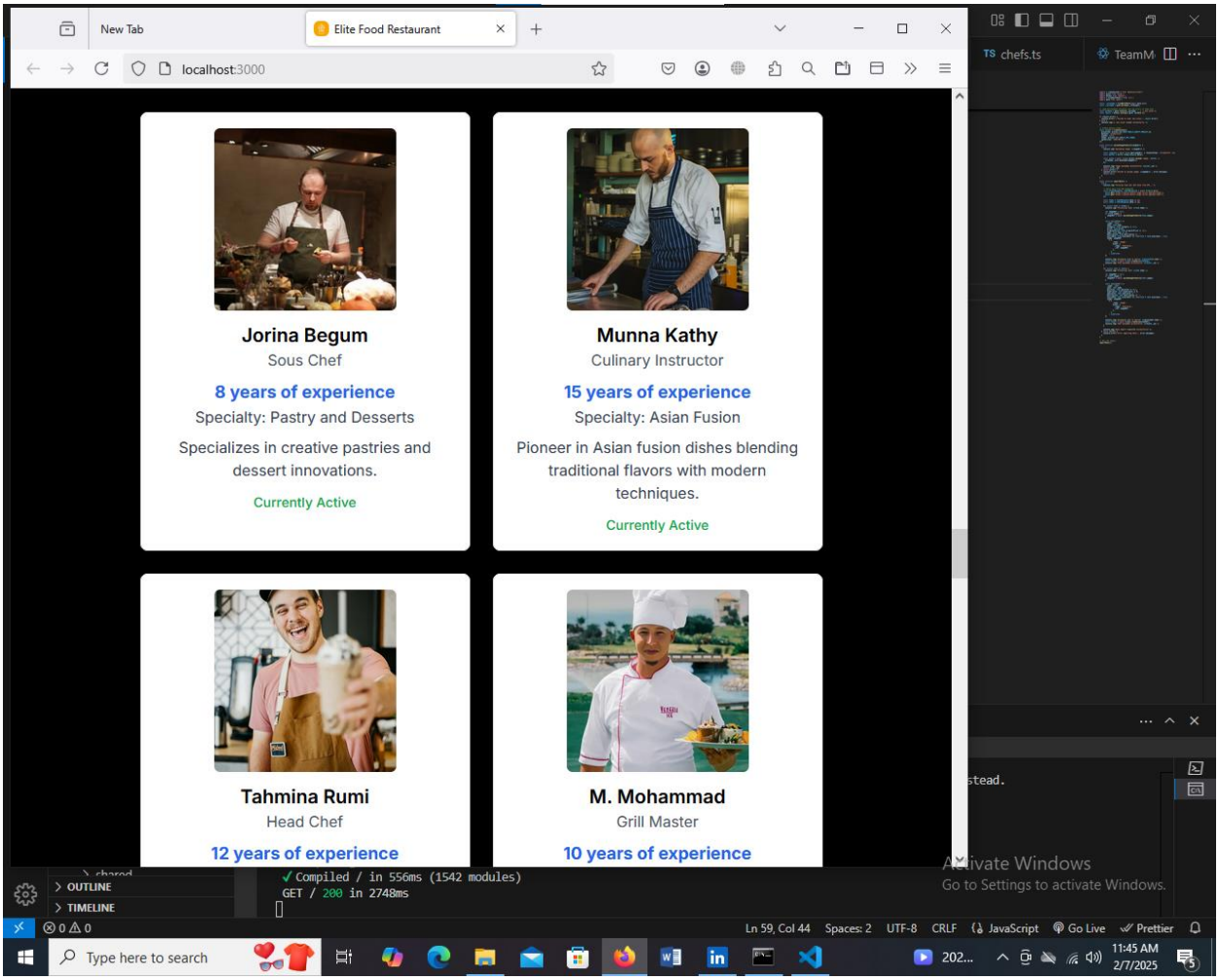

File Edit Selection View Go Run
hackathone-9-main
THUNDER CLIENT
New Request
Activity Collections Env
filter activity
GET sanity-nextjs-rouge.ve...
just now
.env.local
Menu.tsx
page.tsx
Release Notes
New Request
next.config.mjs
importData.mjs
GET
https://sanity-nextjs-rouge.vercel.app/api/foods
Send
Query Headers 2 Auth Body Tests Pre Run
Query Parameters
parameter
value
Status: 200 OK Size: 1.5 KB Time: 519 ms
Response Headers 13 Cookies Results Docs
[
{
"name": "Fresh Lime",
"category": "Drink",
"price": 38,
"originalPrice": 45,
"tags": [
"Healthy",
"Popular"
],
"image": "https://sanity-nextjs-rouge.vercel.app/food/food-1.png",
"description": "Refreshing fresh lime drink made with natural ingredients.",
"available": true
},
{
"name": "Chocolate Muffin",
"category": "Dessert",
"price": 28,
"originalPrice": 30,
"tags": [
"Sell",
"Sweet"
],
"image": "https://sanity-nextjs-rouge.vercel.app/food/food-2.png",
"description": "Soft and rich chocolate muffin topped
Response Chart
OUTPUT DEBUG CONSOLE TERMINAL PORTS
TERMINAL
(c) Microsoft Corporation. All rights reserved.
C:\Users\DELL\Desktop\hackathone-9-main>
History restored
Microsoft Windows [Version 10.0.19045.5371]
(c) Microsoft Corporation. All rights reserved.
C:\Users\DELL\Desktop\hackathone-9-main>
Activate Windows
Go to Settings to activate Windows.
Go Live
Type here to search
USD...
11:38 AM
2/7/2025

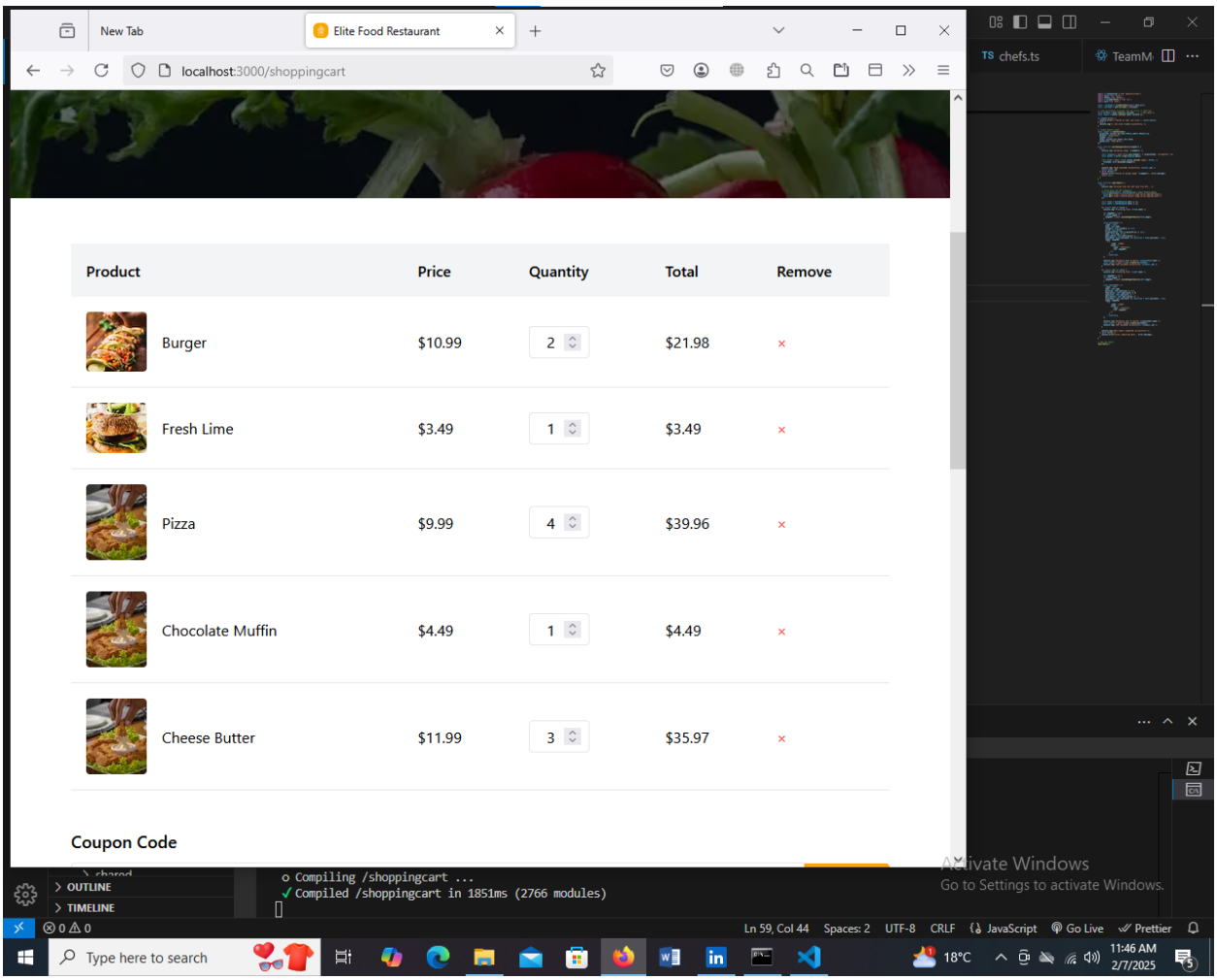

File Edit Selection View Go Run
hackathone-9-main
THUNDER CLIENT
New Request
Activity Collections Env
filter activity
GET sanity-nextjs-rouge.ve...
just now
GET sanity-nextjs-rouge.ve...
2 mins ago
Menu.tsx
page.tsx
Release Notes
New Request
next.config.mjs
importData.mjs
New Request
GET
https://sanity-nextjs-rouge.vercel.app/api/chefs
Send
Query
Headers 2
Auth
Body
Tests
Pre Run
Query Parameters
parameter
value
Status: 200 OK
Size: 1.51 KB
Time: 472 ms
Response
Headers 13
Cookies
Results
Docs
[
{
"name": "Tahmina Rumi",
"position": "Head Chef",
"experience": 12,
"specialty": "Italian Cuisine",
"image": "https://sanity-nextjs-rouge.vercel.app/chef/chef-1.png",
"description": "Expert in crafting authentic Italian dishes and pastries.",
"available": true
},
{
"name": "Jorina Begum",
"position": "Sous Chef",
"experience": 8,
"specialty": "Pastry and Desserts",
"image": "https://sanity-nextjs-rouge.vercel.app/chef/chef-2.png",
"description": "Specializes in creative pastries and dessert innovations.",
"available": true
},
{
"name": "M. Mohammad",
"position": "Grill Master",
"experience": 10,
"specialty": "Grilled Dishes",
Response
Chart
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
TERMINAL
(c) Microsoft Corporation. All rights reserved.
C:\Users\DELL\Desktop\hackathone-9-main>
History restored
Microsoft Windows [Version 10.0.19045.5371]
(c) Microsoft Corporation. All rights reserved.
C:\Users\DELL\Desktop\hackathone-9-main>
Activate Windows
Go to Settings to activate Windows.
Go Live
Type here to search
Result
11:40 AM
2/7/2025

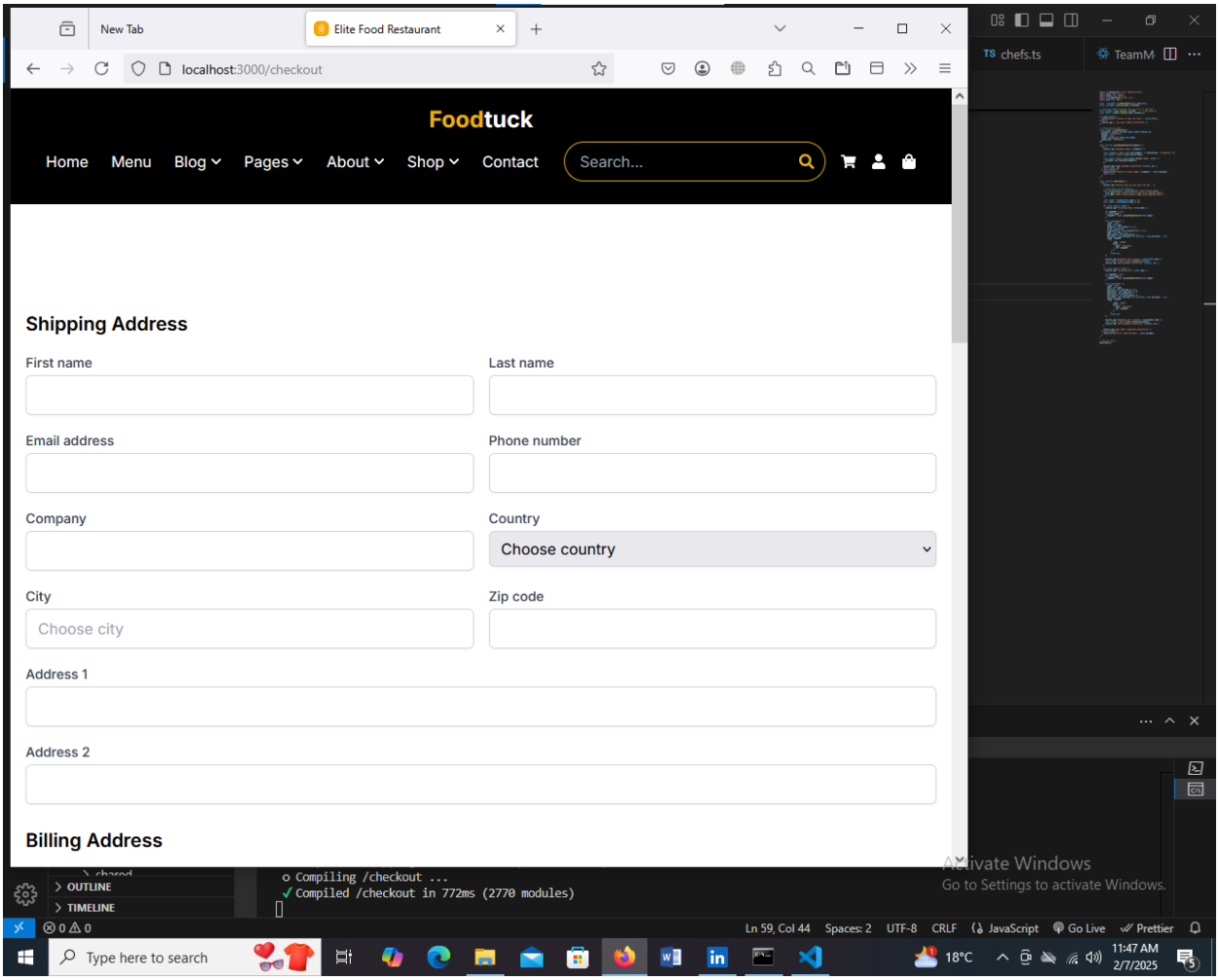

New Tab
Elite Food Restaurant
localhost:3000
Foodtuck
Home
Menu
Blog
Pages
About
Shop
Contact
Search...
Its Quick and Amazing
The Art of speed food Quality
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Varius sed pharetra dictum neque massa congue
See Menu
GET / 200 in 12946ms
The "images.domains" configuration is deprecated. Please use "images.remotePatterns" configuration instead.
OUTLINE
TIMELINE
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
Result
11:42 AM
2/7/2025

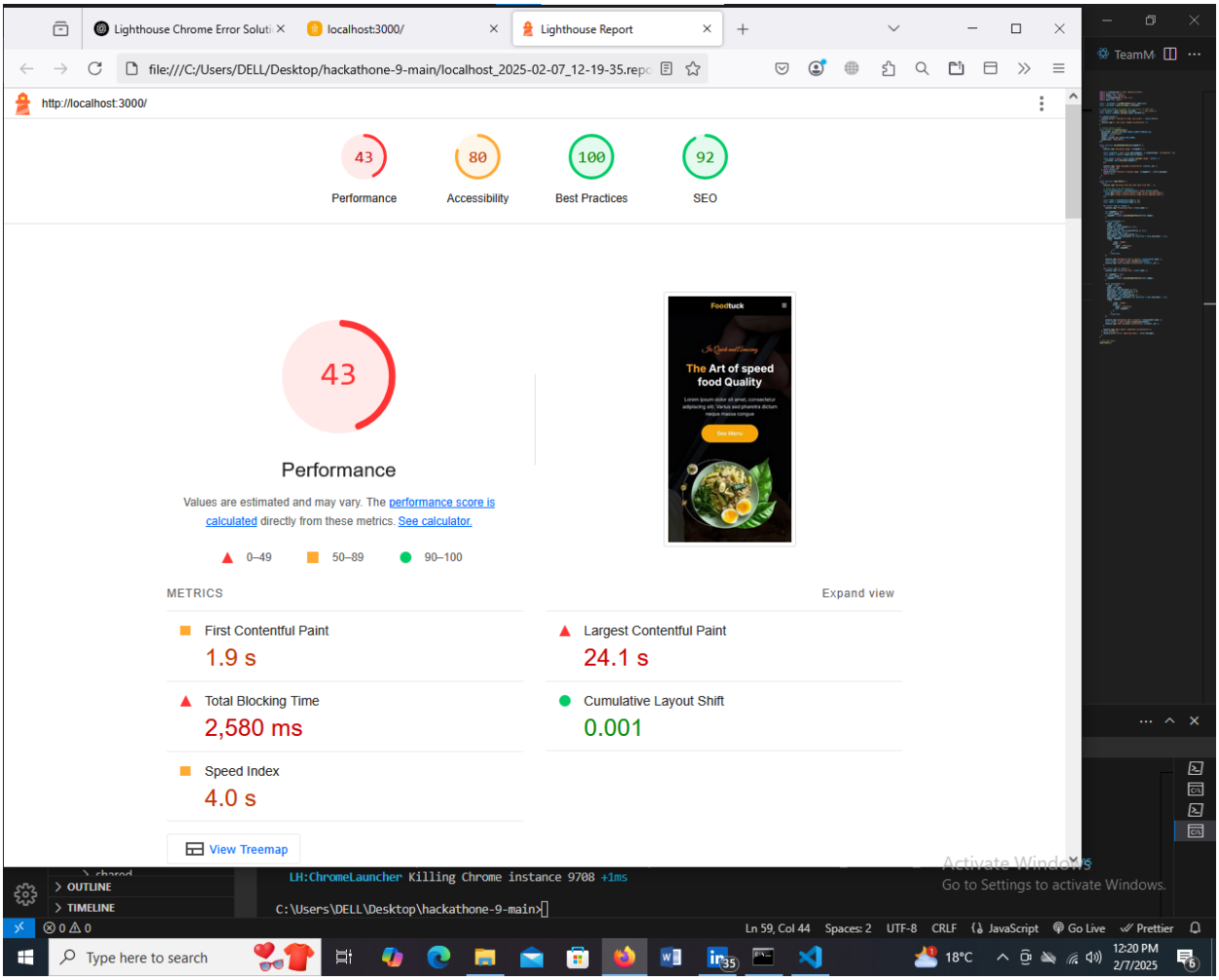

New Tab
Elite Food Restaurant
localhost:3000
Food Category
Choose Food Items
Save 30%
Fast Food
Beef Burger
Chicken Salad
Dessert
chefs.ts
GET / 200 in 12946ms
The "images.domains" configuration is deprecated. Please use "images.remotePatterns" configuration instead.
OUTLINE
TIMELINE
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
11:43 AM
2/7/2025

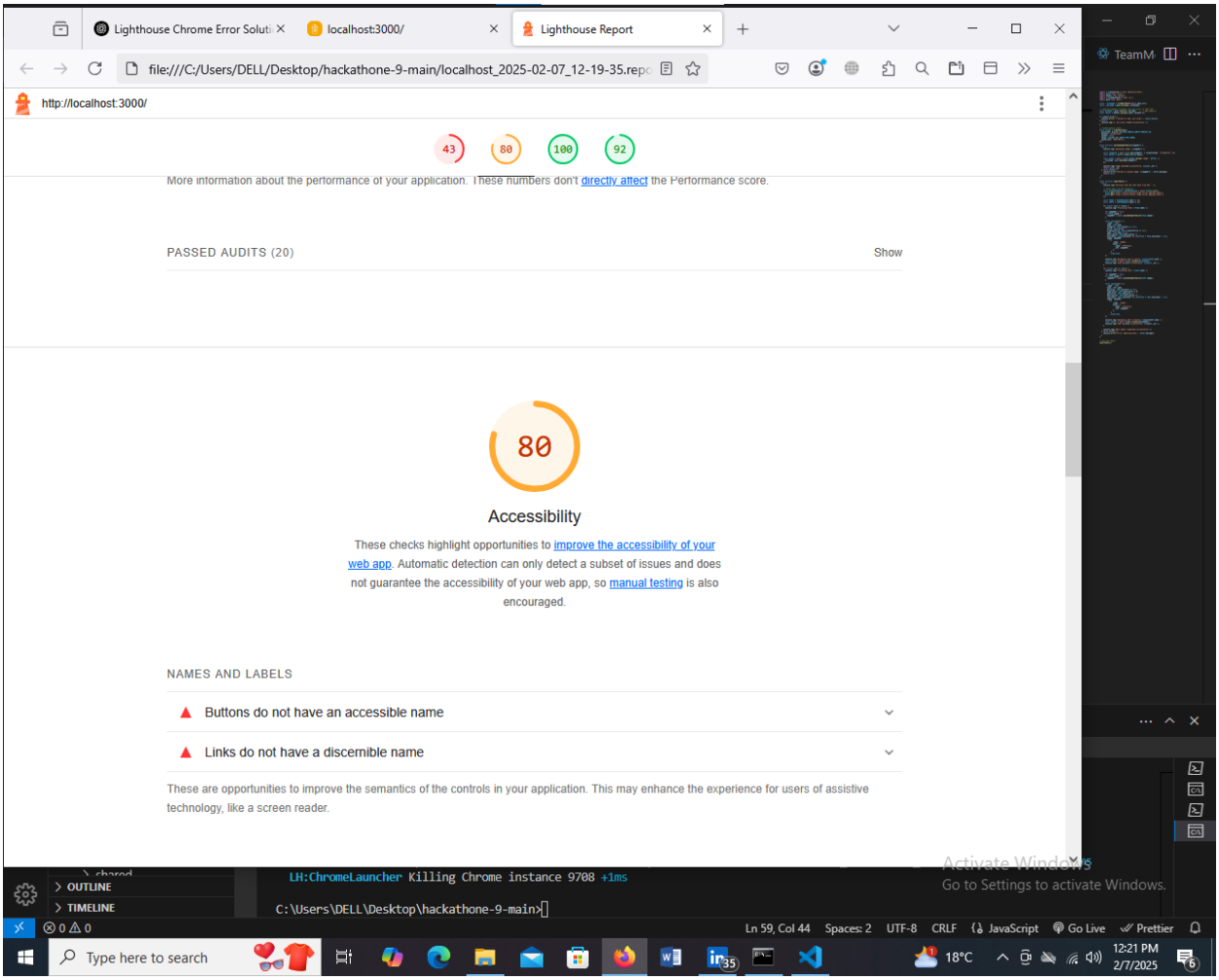

New Tab
Elite Food Restaurant
localhost:3000
Fresh Lime
Drink
$38
$45
Refreshing fresh lime drink made with natural ingredients.
Healthy
Popular
Available
Chocolate Muffin
Dessert
$28
$30
Soft and rich chocolate muffin topped with chocolate chips.
Sell
Sweet
Available
Compiled / in 556ms (1542 modules)
GET / 200 in 2748ms
Activate Windows
Go to Settings to activate Windows.
Type here to search
Result
11:44 AM
2/7/2025

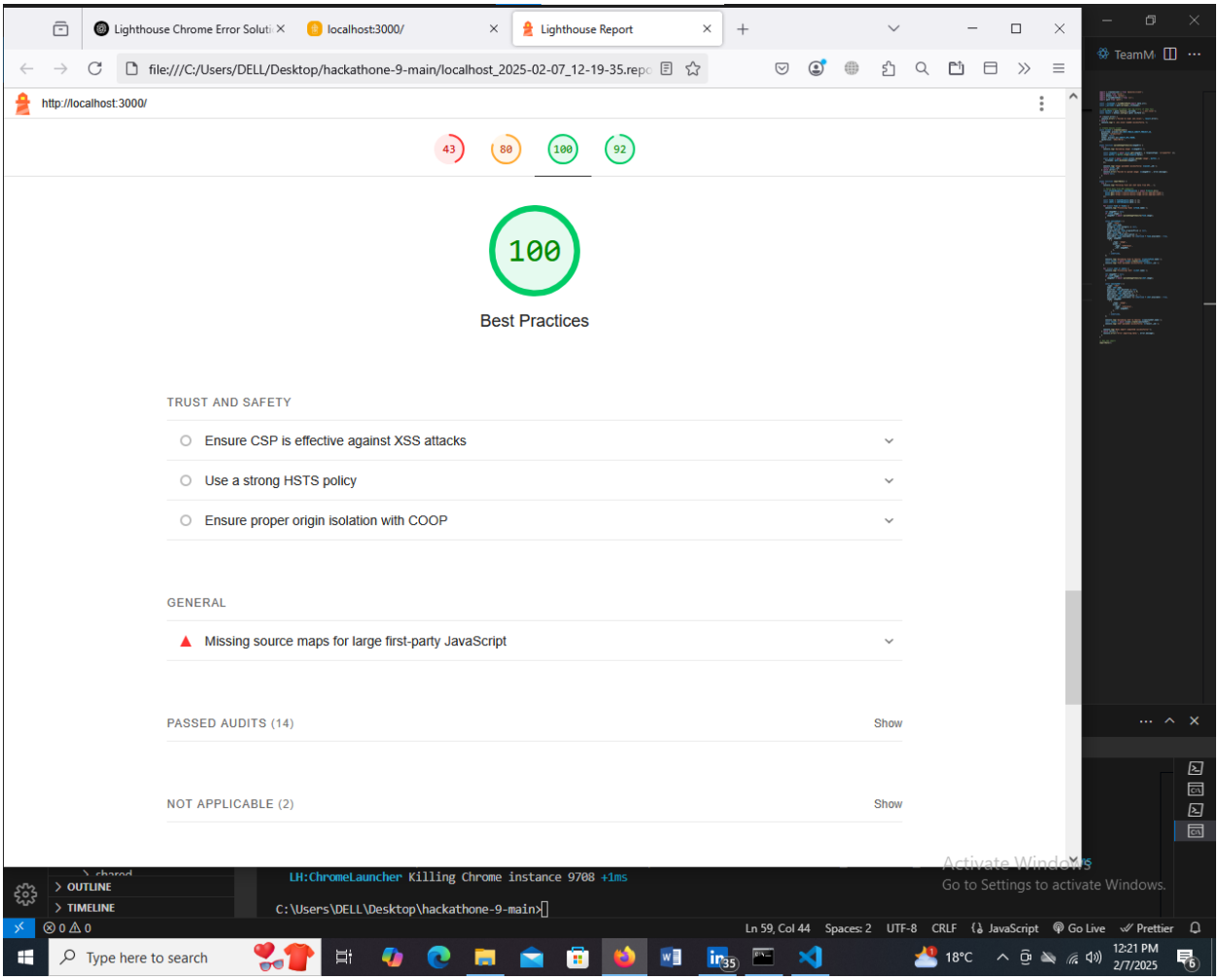

New Tab
Elite Food Restaurant
localhost:3000
Jorina Begum
Sous Chef
8 years of experience
Specialty: Pastry and Desserts
Specializes in creative pastries and dessert innovations.
Currently Active
Munna Kathy
Culinary Instructor
15 years of experience
Specialty: Asian Fusion
Pioneer in Asian fusion dishes blending traditional flavors with modern techniques.
Currently Active
Tahmina Rumi
Head Chef
12 years of experience
M. Mohammad
Grill Master
10 years of experience
Compiled / in 556ms (1542 modules)
GET / 200 in 2748ms
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
11:45 AM
2/7/2025

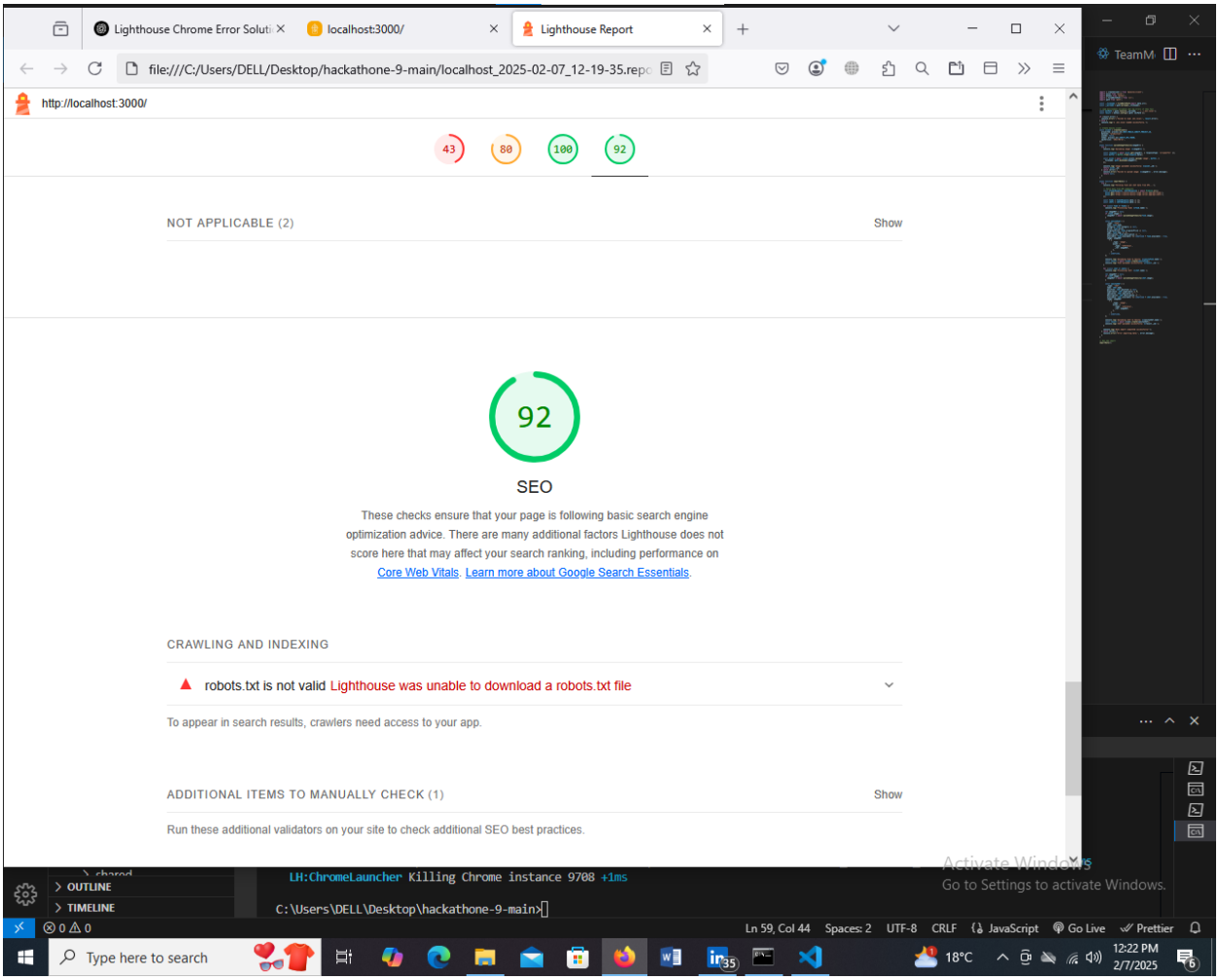

New Tab
Elite Food Restaurant
localhost:3000/shoppingcart
Product
Price
Quantity
Total
Remove
Burger
$10.99
2
$21.98
Fresh Lime
$3.49
1
$3.49
Pizza
$9.99
4
$39.96
Chocolate Muffin
$4.49
1
$4.49
Cheese Butter
$11.99
3
$35.97
Coupon Code
Compiling /shoppingcart ...
Compiled /shoppingcart in 1851ms (2766 modules)
Activate Windows
Go to Settings to activate Windows.
Type here to search
18°C
11:46 AM
2/7/2025


New Tab
Elite Food Restaurant
localhost:3000/checkout
Foodtuck
Home
Menu
Blog
Pages
About
Shop
Contact
Search...
Shipping Address
First name
Last name
Email address
Phone number
Company
Country
Choose country
City
Choose city
Zip code
Address 1
Address 2
Billing Address
Compiling /checkout ...
Compiled /checkout in 772ms (2770 modules)
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
18°C
11:47 AM
2/7/2025


Lighthouse Chrome Error Soluti
localhost:3000/
Lighthouse Report
file:///C:/Users/DELL/Desktop/hackathone-9-main/localhost_2025-02-07_12-19-35.repo
http://localhost:3000/
43
Performance
80
Accessibility
100
Best Practices
92
SEO
43
Performance
Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.
0–49
50–89
90–100
Foodtuck
The Art of speed food Quality
See Menu
METRICS
Expand view
First Contentful Paint
1.9 s
Largest Contentful Paint
24.1 s
Total Blocking Time
2,580 ms
Cumulative Layout Shift
0.001
Speed Index
4.0 s
View Treemap
LH:ChromeLauncher Killing Chrome instance 9708 +1ms
C:\Users\DELL\Desktop\hackathone-9-main>
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
18°C
12:20 PM
2/7/2025


Lighthouse Chrome Error Soluti
localhost:3000/
Lighthouse Report
file:///C:/Users/DELL/Desktop/hackathone-9-main/localhost_2025-02-07_12-19-35.repo
http://localhost:3000/
43
80
100
92
More information about the performance of your application. These numbers don't directly affect the Performance score.
PASSED AUDITS (20)
Show
80
Accessibility
These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.
NAMES AND LABELS
Buttons do not have an accessible name
Links do not have a discernible name
These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.
LH:ChromeLauncher Killing Chrome instance 9708 +1ms
C:\Users\DELL\Desktop\hackathone-9-main>
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
18°C
12:21 PM
2/7/2025


Lighthouse Chrome Error Soluti
localhost:3000/
Lighthouse Report
file:///C:/Users/DELL/Desktop/hackathone-9-main/localhost_2025-02-07_12-19-35.repo
http://localhost:3000/
43
80
100
92
100
Best Practices
TRUST AND SAFETY
Ensure CSP is effective against XSS attacks
Use a strong HSTS policy
Ensure proper origin isolation with COOP
GENERAL
Missing source maps for large first-party JavaScript
PASSED AUDITS (14)
Show
NOT APPLICABLE (2)
Show
LH:ChromeLauncher Killing Chrome instance 9708 +1ms
C:\Users\DELL\Desktop\hackathone-9-main>
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
18°C
12:21 PM
2/7/2025


Lighthouse Chrome Error Soluti
localhost:3000/
Lighthouse Report
file:///C:/Users/DELL/Desktop/hackathone-9-main/localhost_2025-02-07_12-19-35.repo
http://localhost:3000/
43
80
100
92
NOT APPLICABLE (2)
Show
92
SEO
These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.
CRAWLING AND INDEXING
robots.txt is not valid Lighthouse was unable to download a robots.txt file
To appear in search results, crawlers need access to your app.
ADDITIONAL ITEMS TO MANUALLY CHECK (1)
Show
Run these additional validators on your site to check additional SEO best practices.
LH:ChromeLauncher Killing Chrome instance 9708 +1ms
C:\Users\DELL\Desktop\hackathone-9-main>
OUTLINE
TIMELINE
Activate Windows
Go to Settings to activate Windows.
Ln 59, Col 44
Spaces: 2
UTF-8
CRLF
JavaScript
Go Live
Prettier
Type here to search
18°C
12:22 PM
2/7/2025