

Name :Madiha Rashid

Class: Friday 9am to 12am

Teacher :Sir Hamza Syed

Roll no: 00195553

Hackathon Day 05 Tasting error Handling & Backned Integration Refinement.

Step-1 functional tasting.

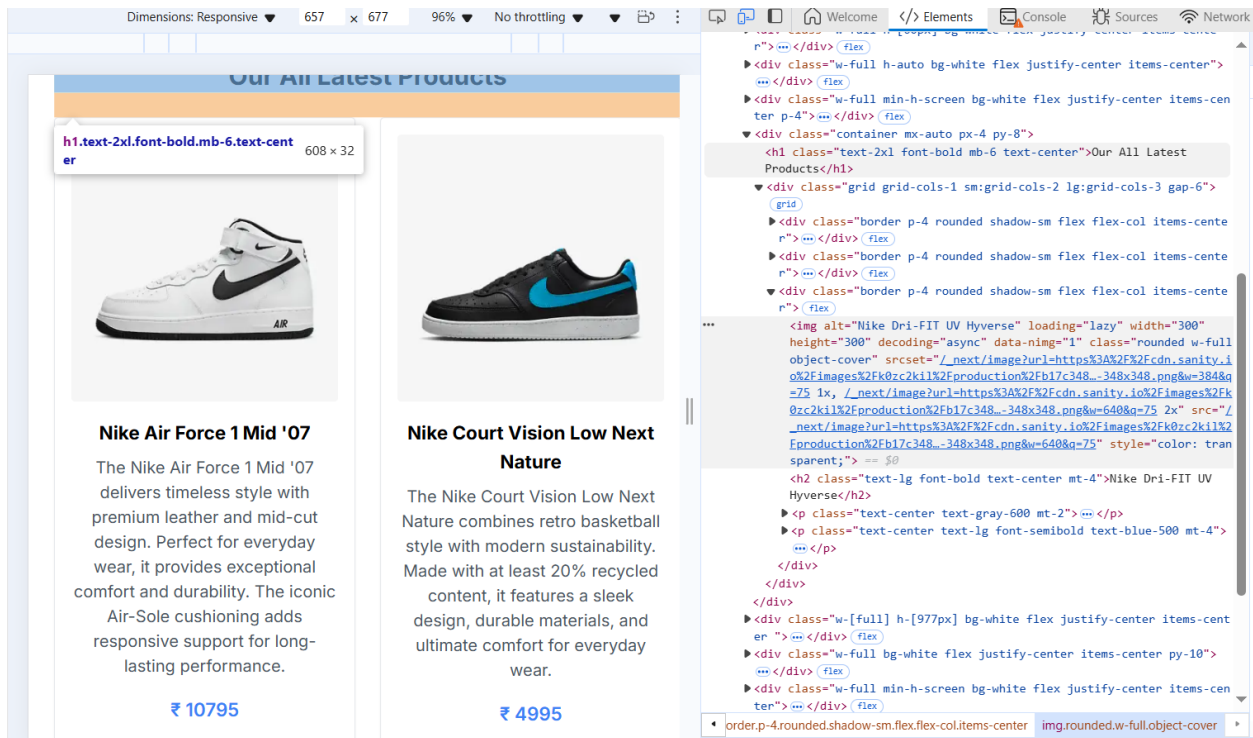
Step-2 error handling.

Step-3 post man api.

Functional tasting.

Responsive

- I have successfully made my e-commerce website fully responsive, ensuring it adapts seamlessly to mobile, tablet, and desktop devices. The design is optimized for all screen sizes, providing a user-friendly and visually appealing experience.



API WORKING

The API is fully working, seamlessly handling requests and responses, ensuring smooth communication between the frontend and backend. All functionalities, including data fetching, user interactions, and updates, are fully integrated and operational.

Our All Latest Products



Nike Air Force 1 Mid '07

The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design.

Perfect for everyday wear, it provides exceptional comfort and durability. The iconic Air-Sole cushioning adds responsive support for long-lasting performance.

₹ 10795



Nike Court Vision Low Next Nature

The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Made with at least 20% recycled content, it features a sleek design, durable materials, and ultimate comfort for everyday wear.

₹ 4995



Nike Dri-FIT UV Hyverse

The Nike Dri-FIT UV Hyverse graphic top offers comfort and UV protection in style. Made from soft, breathable fabric, this fitness top keeps you cool and dry during workouts or casual outings.

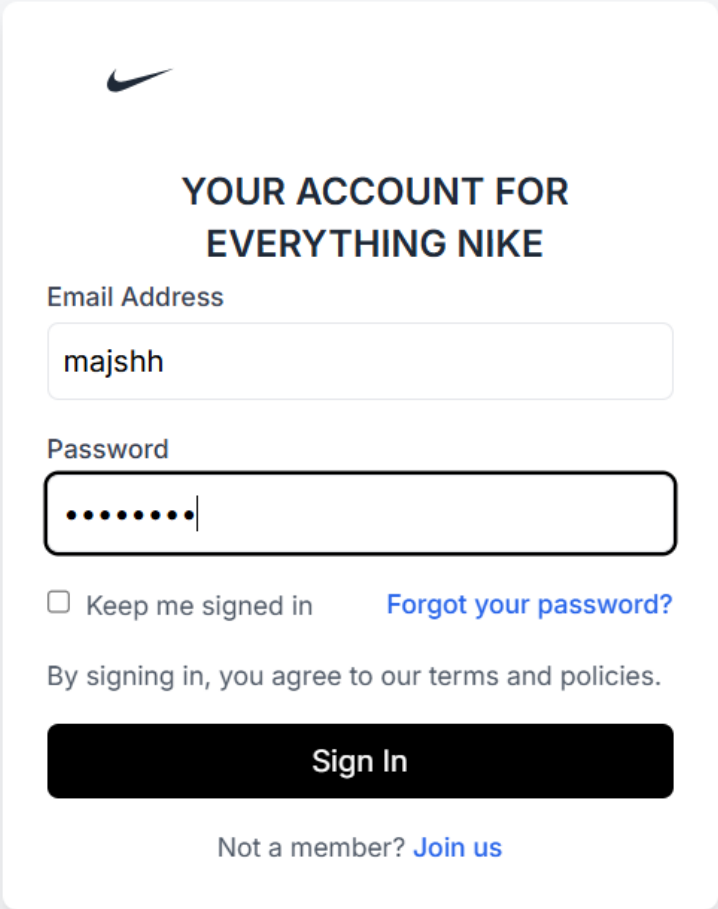
₹ 2495


4. Signup and Sign-In

- Authentication:

Users can create accounts and log in securely.

User credentials are stored securely, following best practices (e.g., hashed passwords).

A screenshot of the Nike login page. At the top left is the Nike swoosh logo. Below it, the text "YOUR ACCOUNT FOR EVERYTHING NIKE" is centered. The form has two input fields: "Email Address" with the value "majshh" and "Password" with masked characters ".....". Below the password field is a checkbox labeled "Keep me signed in" and a link "Forgot your password?". A line of text states "By signing in, you agree to our terms and policies." Below this is a large black "Sign In" button. At the bottom, it says "Not a member? [Join us](#)".



**YOUR ACCOUNT FOR
EVERYTHING NIKE**

Email Address

majshh

Password

.....

☐ Keep me signed in [Forgot your password?](#)

By signing in, you agree to our terms and policies.

Sign In

Not a member? [Join us](#)

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API DATA GET SUCCESSFULLY

THUNDER CLIENT

product.tsx Upage.tsx ...[slug] Upage.tsx ...[shoes] Uaddtocart.tsx U

New RequestJS importSanityData.mjsTC New RequestTC New Request

New Request

ActivityCollectionsEm

filter activity

GETtemplate-03-api...just now

GETtemplate-03-api...4 mins ago

GETtemplate-03-api...7 mins ago

POSTlocalhost:3000/...1 month ago

GETlocalhost:3000/a...1 month ago

GEThttp://localhost:3...1 month ago

POSTlocalhost3000/a...1 month ago

GETsimple-books-api...2 months ago

GEThttps://template-03-api.vercel.app/api/productsSend

QueryHeadersAuthBodyTestsPre Run

Query Parameters

parameter

value

Status: 200 OKSize: 6.56 KBTime: 338 ms

ResponseHeadersCookiesResultsDocs

1{

2 "success": true,

3 "data": [

4 {

5 "productName": "Nike Air Force 1 Mid '07",

6 "category": "Men's Shoes",

7 "price": 10795,

8 "inventory": 20,

9 "colors": [

10 "white"

11],

12 "status": "Just In",

13 "image": "https://template-03-api.vercel.app/products/1.png",

14 "description": "The Nike Air Force 1 Mid '07 delivers timeless style with premium leather and mid-cut design. Perfect for everyday wear, it provides exceptional comfort and durability. The iconic Air-Sole cushioning adds responsive support for long-lasting performance."

15 },

16 {

17 "productName": "Nike Court Vision Low Next Nature",

18 "category": "Men's Shoes",

19 "price": 4995,

20 "inventory": 35,

21 "colors": [

22 "Black"

23],

24 "status": "Just In",

25 "image": "https://template-03-api.vercel.app/products/2.png",

26 "description": "The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Made with at least 30% recycled content, it features a sleek design, durable

product.tsx Upage.tsx ...[slug] Upage.tsx ...[shoes] Uaddtocart.tsx U

New RequestJS importSanityData.mjsTC New RequestTC New Request

GEThttps://template-03-api.vercel.app/api/productsSend

QueryHeadersAuthBodyTestsPre Run

Status: 200 OKSize: 6.56 KBTime: 173 ms

ResponseHeadersCookiesResultsDocs

POST DATA

product.tsx Upage.tsx ...[slug] Upage.tsx ...[shoes] Uaddtocart.tsx U

New RequestJS importSanityData.mjsTC New RequestTC New Request

POSThttps://template-03-api.vercel.app/api/productsSend

QueryHeadersAuthBodyTestsPre Run

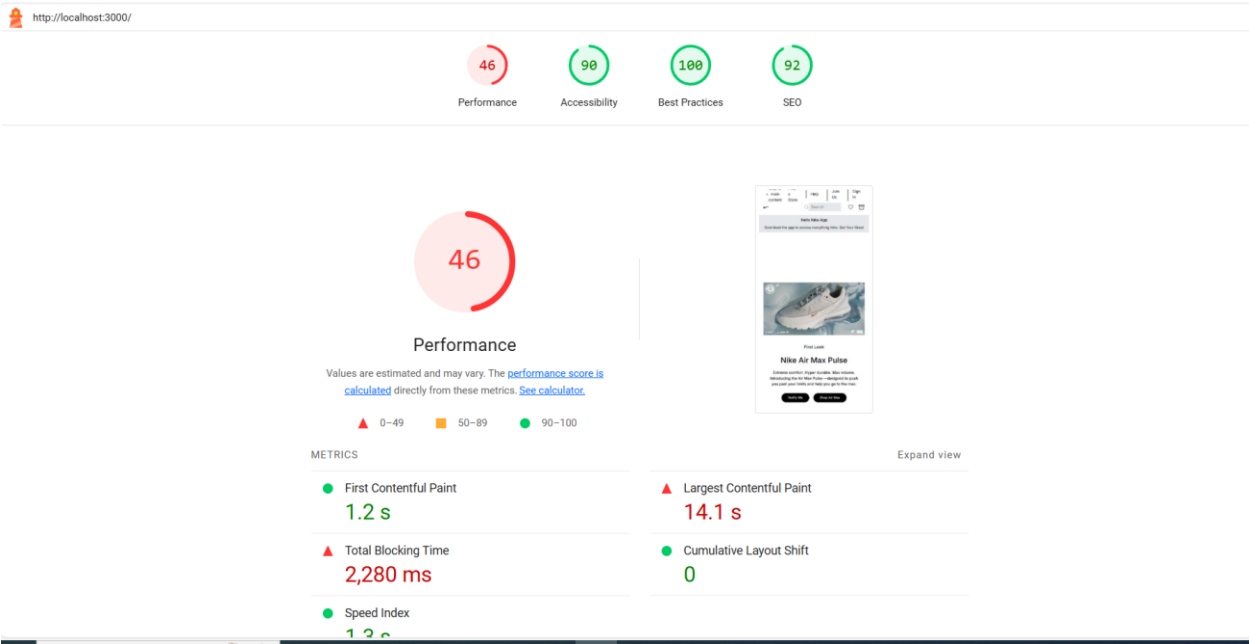
Status: 405 Method Not AllowedSize: 0 BytesTime: 613 ms

ResponseHeadersCookiesResultsDocs

1

	A	B	C	D	E	F	G	H	I
1	1	Test Case ID	Test Case Description	Test Steps	Actual Result	status	Severity level	Assigned To	Remarks
2	2	TC001	Validate product listing page	Open product page > verify products	Products displayed correctly	passed	Low		No issues found
3	3	TC002	Test API error handling	Disconnect API > Refresh page	Error message shown	passed	Medium		Handled gracefully
4	4	TC003	Check cart functionality	Add product to cart > verify cart contents	Cart updates as expected	passed	High		works as expected
5	5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Responsive layout working as intended	passed	Medium		Test successful
6									

Set 4: Performance Optimizzation



46 90 100 92

View Treemap



Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

DIAGNOSTICS

- ▲ Reduce JavaScript execution time — 3.5 s
- ▲ Minimize main-thread work — 5.4 s
- ▲ Largest Contentful Paint element — 14,090 ms
- ▲ Largest Contentful Paint image was lazily loaded
- ▲ Preconnect to required origins — Potential savings of 370 ms
- ▲ Reduce unused JavaScript — Potential savings of 43 KiB
- ▲ Page prevented back/forward cache restoration — 4 failure reasons
- Minify CSS — Potential savings of 2 KiB
- Minify JavaScript — Potential savings of 5 KiB

46 90 100 92

- Minify CSS — Potential savings of 2 KiB
- Minify JavaScript — Potential savings of 5 KiB
- Eliminate render-blocking resources — Potential savings of 0 ms
- Properly size images — Potential savings of 147 KiB
- Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
- Avoid long main-thread tasks — 11 long tasks found
- Avoids an excessive DOM size — 263 elements
- Initial server response time was short — Root document took 130 ms
- Avoid large layout shifts — 1 layout shift found
- Avoids enormous network payloads — Total size was 2,120 KiB
- Avoid chaining critical requests — 2 chains found
- Minimize third-party usage — Third-party code blocked the main thread for 0 ms

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (19)

Show



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.

CONTRAST

▲ Background and foreground colors do not have a sufficient contrast ratio.

These are opportunities to improve the legibility of your content.

NAMES AND LABELS

▲ 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.



technology, like a screen reader.

NAVIGATION

▲ Heading elements are not in a sequentially-descending order

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (22)

Show

NOT APPLICABLE (32)

Show



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



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.

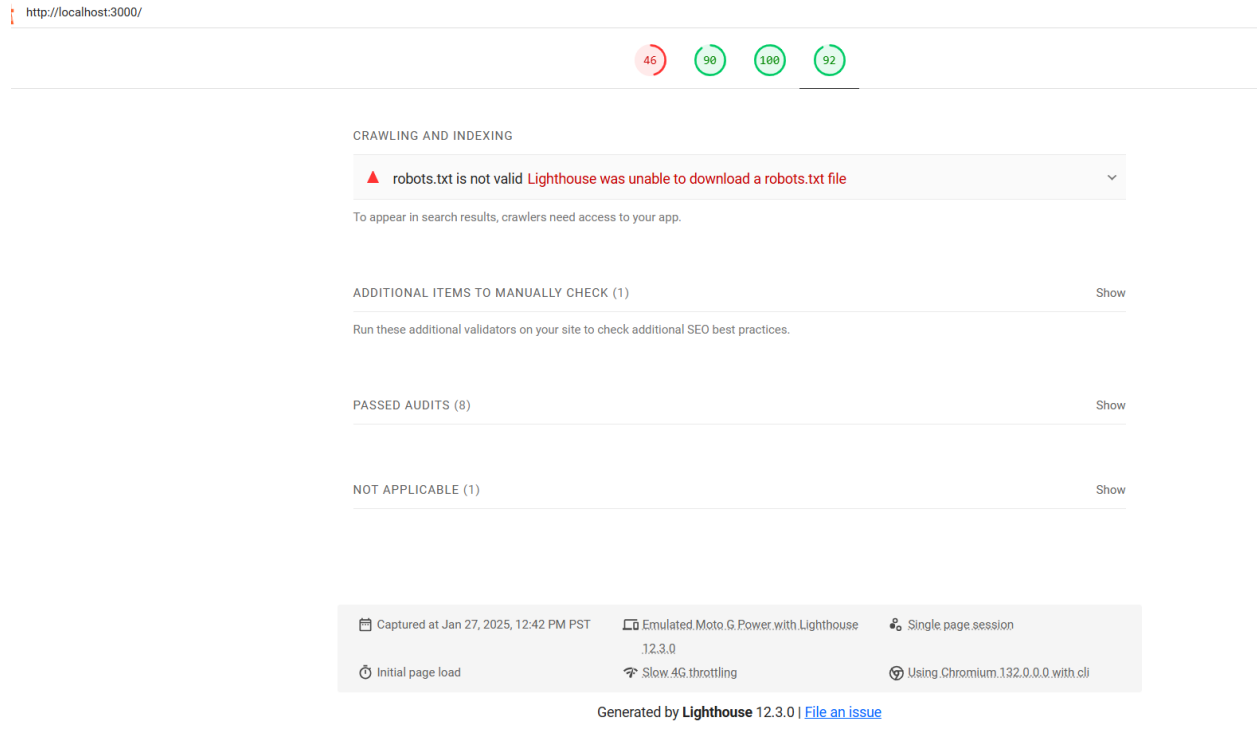
ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (8)

Show



PERFORMANCE MONITOR:

