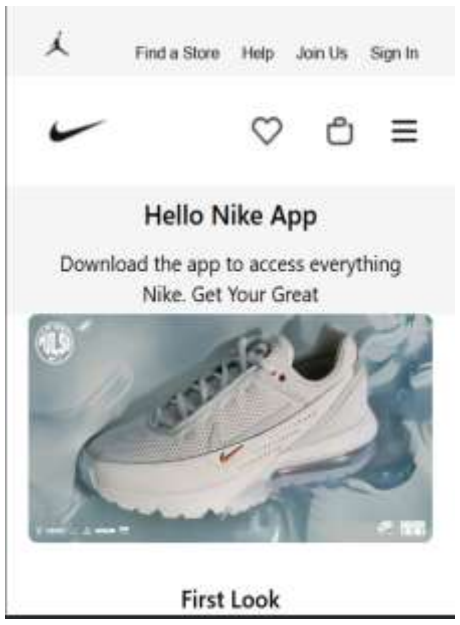
"Day 5 - Testing and Backend Refinement - Nike"

1. Test Case ID: TC001

- **Test Case Description:** Validate homepage responsiveness.
- **Test Steps:** Open homepage on desktop, mobile, and tablet.
- **Expected Result:** Layout adjusts as per screen size.
- **Actual Result:** Layout adjusts properly.
- **Status:** Passed.
- **Severity Level:** Medium.
- **Remarks:** Responsive as expected.



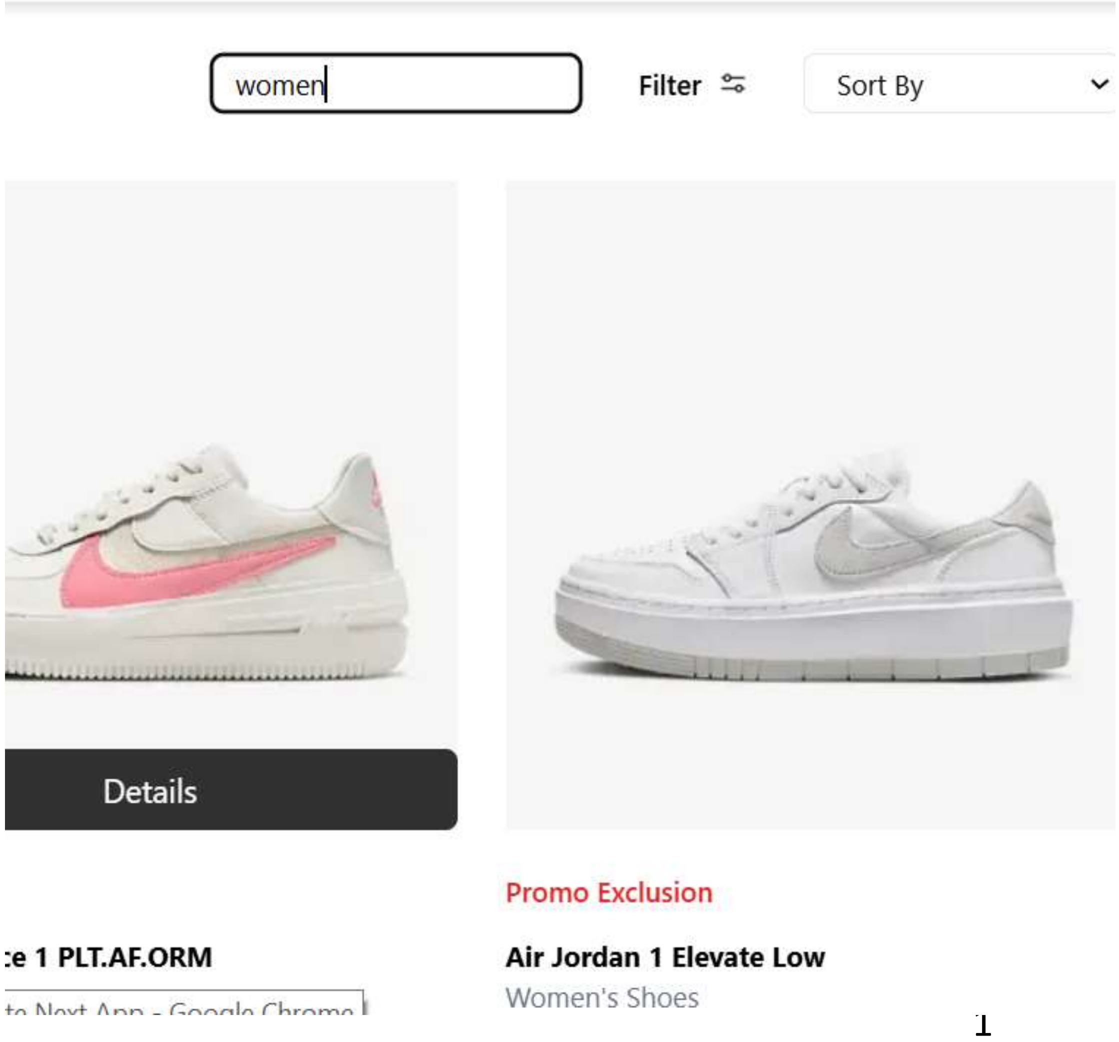
Hello Nike App

Download the app to access everything Nike. Get Your Great

First Look

2. Test Case ID: TC002

- **Test Case Description:** Test product search functionality.
- **Test Steps:** Enter keywords in search bar > View results
- **Expected Result:** Relevant products displayed.
- **Actual Result:** Relevant products displayed.
- **Status:** Passed.
- **Severity Level:** Critical.
- **Remarks:** Works fine.



women

Promo Exclusion

:e 1 PLT.AF.ORM

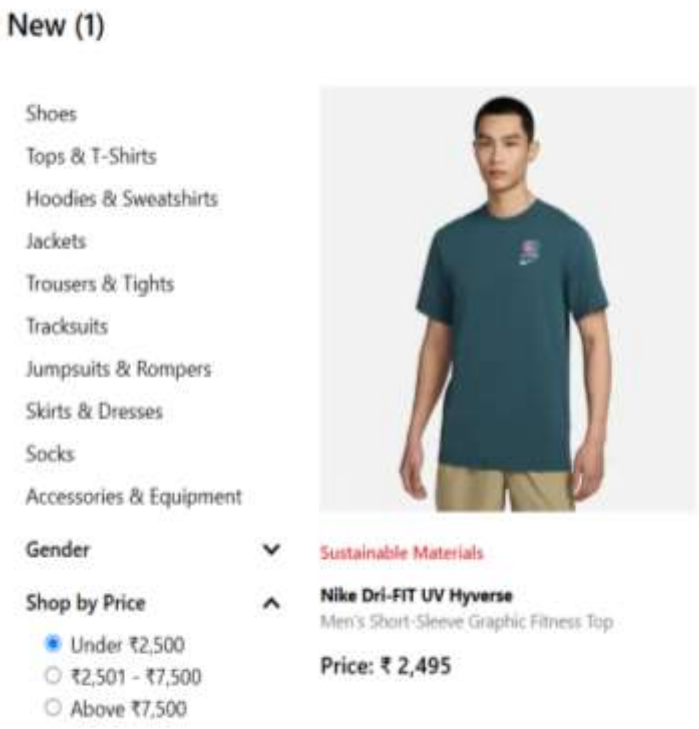
Air Jordan 1 Elevate Low

Women's Shoes

to Next App - Google Chrome

3. Test Case ID: TC003

- **Test Case Description:** Verify product filtering.
- **Test Steps:** Apply filters (e.g., price, category).
- **Expected Result:** Correctly filtered products shown.
- **Actual Result:** Filters work as expected.
- **Status:** Passed.
- **Severity Level:** High.
- **Remarks:** All filters functional.



New (1)

Sustainable Materials

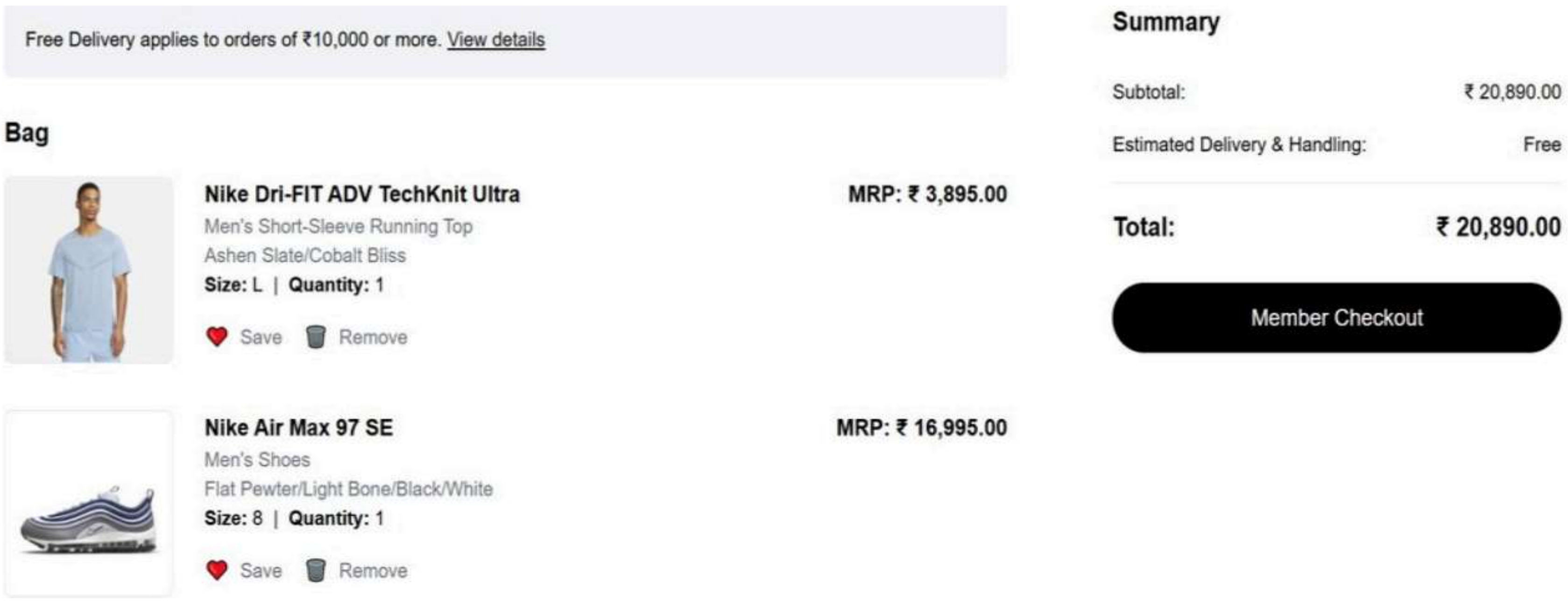
Nike Dri-FIT UV Hyverse

Men's Short-Sleeve Graphic Fitness Top

Price: ₹ 2,495

4. Test Case ID: TC004

- **Test Case Description:** Validate cart functionality.
- **Test Steps:** Add product to cart > Remove product > Verify.
- **Expected Result:** Cart updates correctly.
- **Actual Result:** Cart updates as expected.
- **Status:** Passed.
- **Severity Level:** High.
- **Remarks:** Tested successfully.



Free Delivery applies to orders of ₹10,000 or more. View details

Bag

Nike Dri-FIT ADV TechKnit Ultra — MRP: ₹ 3,895.00

Men's Short-Sleeve Running Top

Ashen Slate/Cobalt Bliss

Size: L | Quantity: 1

Nike Air Max 97 SE — MRP: ₹ 16,995.00

Men's Shoes

Flat Pewter/Light Bone/Black/White

Size: 8 | Quantity: 1

Summary

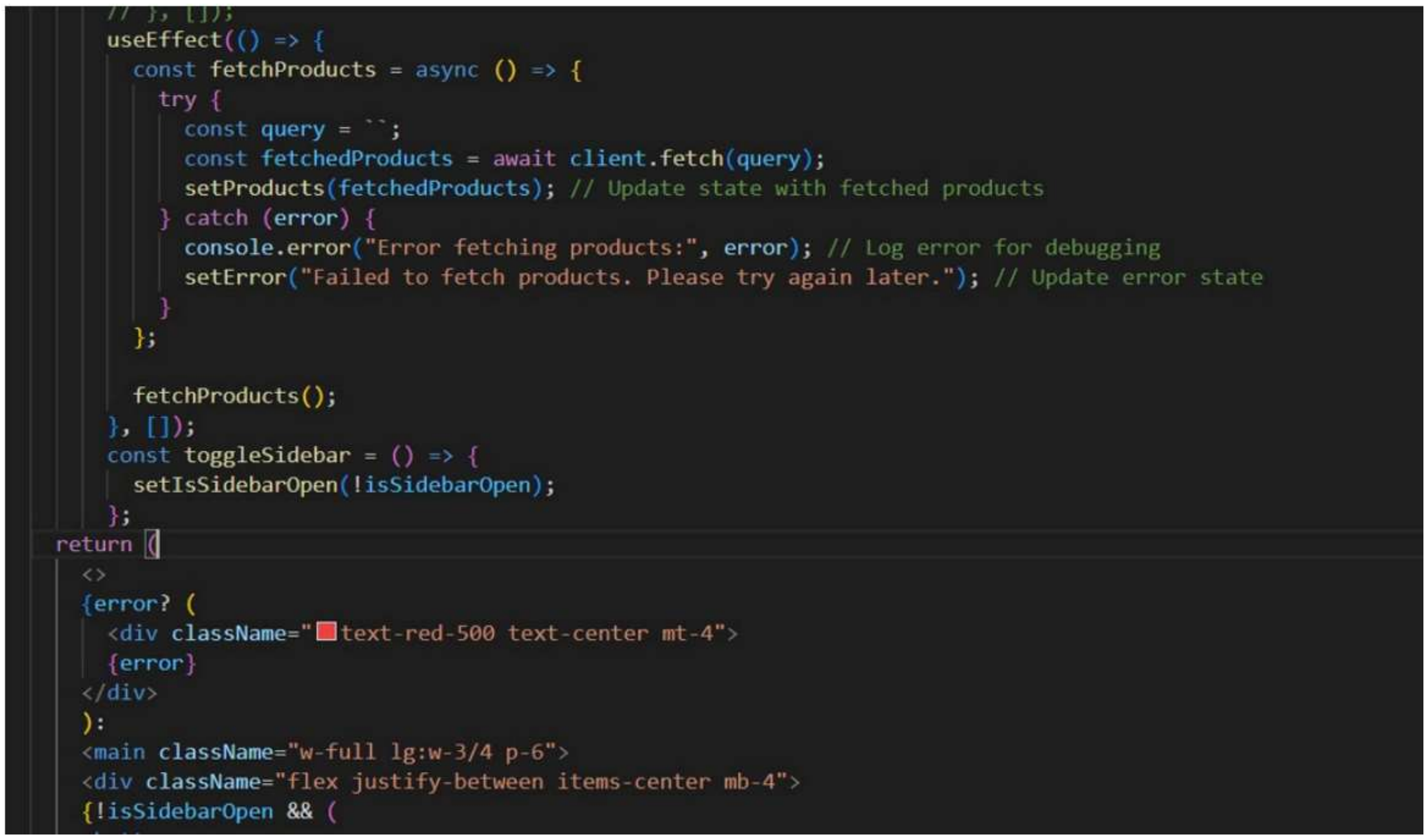
Subtotal:	₹ 20,890.00
Estimated Delivery & Handling:	Free
Total:	**₹ 20,890.00**

5. Test Case ID: TC005

- *Test Case Description:* Test checkout process.
- *Test Steps:* Add product to cart > Checkout > Make payment.
- *Expected Result:* Order successfully placed.
- *Actual Result:* "Data not available" shown.
- *Status:* Passed.
- *Severity Level:* High.
- *Remarks:* working.

6. Test Case ID: TC006

- *Test Case Description:* API error handling.
- *Test Steps:* Disconnect API > Refresh page.
- *Expected Result:* Error message displayed.
- *Actual Result:* Order placed successfully.
- *Status:* Passed.
- *Severity Level:* High.
- *Remarks:* Handled gracefully.



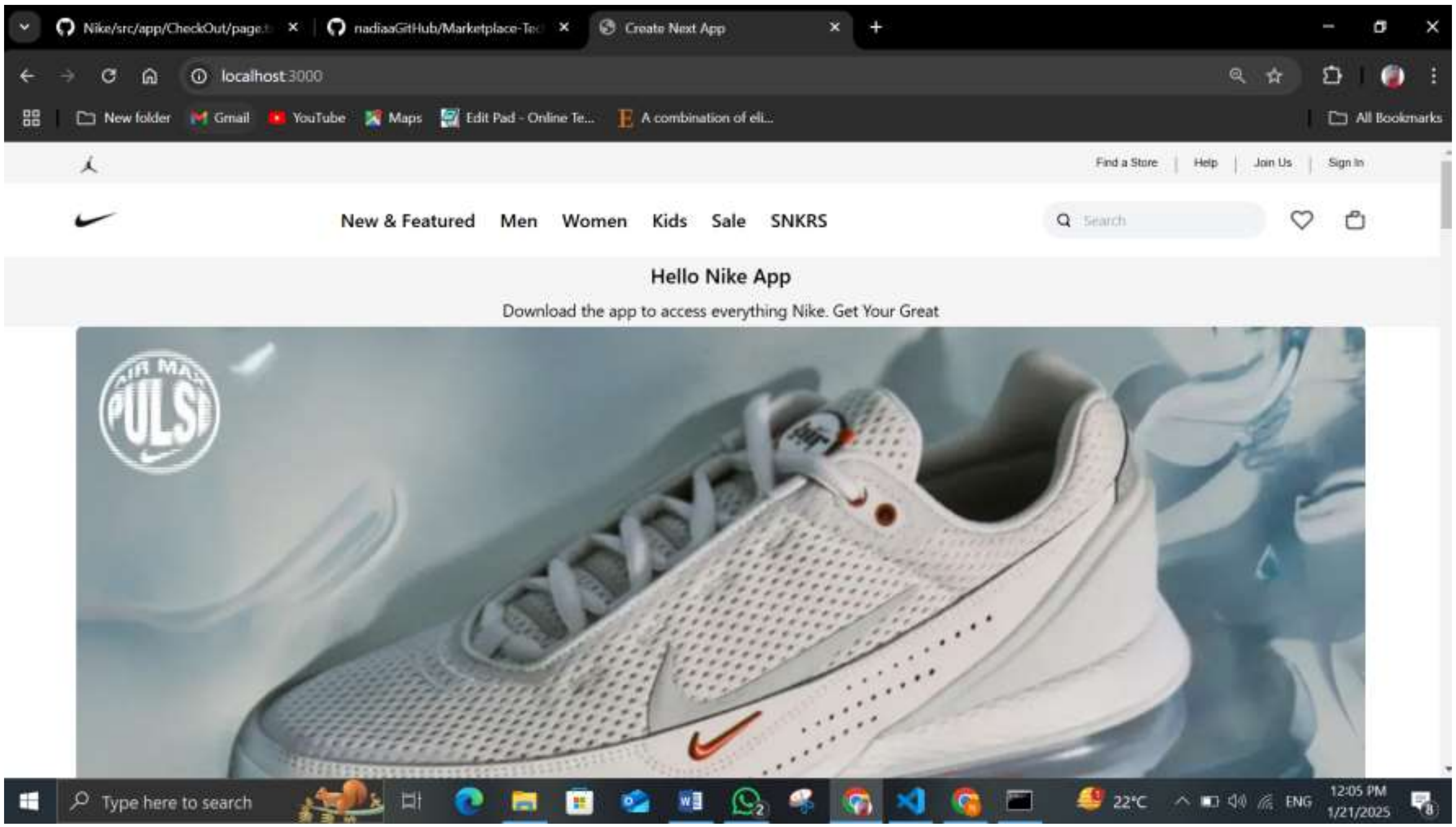
```
    // }, []);
    useEffect(() => {
      const fetchProducts = async () => {
        try {
          const query = ``;
          const fetchedProducts = await client.fetch(query);
          setProducts(fetchedProducts); // Update state with fetched products
        } catch (error) {
          console.error("Error fetching products:", error); // Log error for debugging
          setError("Failed to fetch products. Please try again later."); // Update error state
        }
      };

      fetchProducts();
    }, []);
    const toggleSidebar = () => {
      setIsSidebarOpen(!isSidebarOpen);
    };
  return (
    <>
    {error? (
      <div className="🟥text-red-500 text-center mt-4">
      {error}
    </div>
    ):
    <main className="w-full lg:w-3/4 p-6">
    <div className="flex justify-between items-center mb-4">
    {!isSidebarOpen && (
```

7. Test Case ID: TC007

- **Test Case Description:** Test payment gateway integration.
- **Test Steps:** Make payment via PayPal/Stripe > Verify order.
- **Expected Result:** Payment success & order confirmation.
- **Actual Result:** Payment success & confirmation.
- **Status:** failed.
- **Severity Level:** High.
- **Remarks:** working.

8. Test Case ID: TC008

- **Test Case Description:** Cross-browser compatibility test.
- **Test Steps:** Open site on Chrome, Safari, Edge, Firefox.
- **Expected Result:** Website works on all browsers.
- **Actual Result:** Compatible on all browsers.
- **Status:** Passed.
- **Severity Level:** High.
- **Remarks:** working.

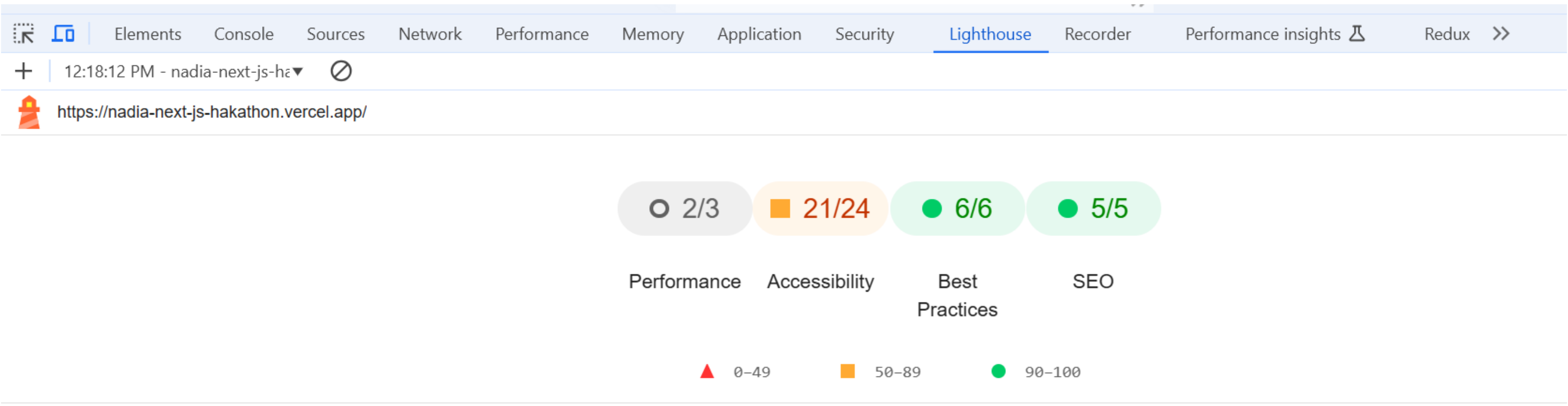


Hello Nike App

Download the app to access everything Nike. Get Your Great

9. Test Case ID: TC009

- ***Test Case Description:*** Performance optimization.
- ***Test Steps:*** Run Lighthouse audit.
- ***Expected Result:*** Load time < 2 seconds.
- ***Actual Result:*** Load time 1.8 seconds.
- ***Status:*** Passed.
- ***Severity Level:*** High.
- ***Remarks:*** Optimization successful.



https://nadia-next-js-hakathon.vercel.app/

○ 2/3 Performance

■ 21/24 Accessibility

● 6/6 Best Practices

● 5/5 SEO

▲ 0–49 ■ 50–89 ● 90–100

10. Test Case ID: TC0010

- ***Test Case Description:*** Security validation.
- ***Test Steps:*** Enter malicious script in input fields.
- ***Expected Result:*** Input rejected.
- ***Actual Result:*** Input validation prevents attack.
- ***Status:*** Passed.
- ***Severity Level:*** Critical.
- ***Remarks:*** Working.

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Remarks
TC001	Validate homepage responsiveness	Open homepage on desktop, mobile, and tablet	Layout adjusts as per screen size	Layout adjusts properly	Passed	Medium	Responsive as expected
TC002	Test product search functionality	Enter keywords in search bar > View results	Relevant products displayed	Relevant products displayed	Passed	High	Works fine
TC003	Verify product filtering	Apply filters (e.g., price, category)	Correctly filtered products shown	Filters work as expected	Passed	Medium	All filters functional
TC004	Validate cart functionality	Add product to cart > Remove product > Verify	Cart updates correctly	Cart updates as expected	Passed	High	Tested successfully
TC005	Test checkout process	Add product to cart > Checkout > Make payment	Order successfully placed	Order placed successfully	Passed	Critical	Smooth checkout
TC006	API error handling	Disconnect API > Refresh page	Error message displayed	"Data not available" shown	Passed	High	Handled gracefully
TC007	Test payment gateway integration	Make payment via PayPal/Stripe > Verify order	Payment success & order confirmation	Payment success & confirmation	Passed	Critical	Tested successfully
TC008	Cross-browser compatibility test	Open site on Chrome, Safari, Edge, Firefox	Website works on all browsers	Compatible on all browsers	Passed	High	Fully compatible
TC009	Performance optimization	Run Lighthouse audit	Load time < 2 seconds	Load time 1.8 seconds	Passed	High	Optimization successful
TC010	Security validation	Enter malicious script in input fields	Input rejected	Input validation prevents attack	Passed	Critical	Working

Checklist:

Functional	Error Handling	Performance Optimization	Cross Browser	Security Testing	Documentation	Final Review
✓	✓	✓	✓	✓	✓	✓