

Day 5 - Testing and Backend Refinement - OutfitPlus

Functional Deliverables

- **Screenshots** showcasing functional and responsive components.
- **Testing Reports** generated using tools like Lighthouse and Postman.

Testing Report (CSV Format)

Below is the CSV-based testing report with structured test cases:

Test Case ID	Description	Steps	Expected Result	Actual Result	Status	Severity
TC001	Verify product listing loads correctly	Navigate to homepage, observe product list	Product listing displays with correct data	Product listing loaded correctly	Passed	Low
TC002	Test search functionality with valid input	Enter valid product name in search bar, click search	Search results display matching products	Search results displayed as expected	Passed	Medium
TC003	Ensure cart operations (add/remove items) work	Add item to cart, remove item from cart	Items added/removed successfully with correct total	Cart operations worked as intended	Passed	High
TC004	Check responsive design on mobile	Open site on mobile view, observe layout	Layout adapts to mobile screen without issues	Mobile layout displayed correctly	Passed	Medium

TC005	Handle API failure gracefully	Simulate API failure by blocking network	Display fallback UI and error message	Fallback UI and error message displayed	Passed	High
TC006	Validate checkout functionality	Add items to cart, proceed to checkout	Checkout process completes successfully	Checkout completed successfully	Passed	High
TC007	Test login/logout functionality	Log in with valid credentials, log out	User successfully logs in and logs out	Login/logout worked as expected	Passed	High
TC008	Verify cross-browser compatibility	Open site in Chrome, Firefox, Safari, Edge	Site functions correctly in all browsers	Consistent experience across all browsers	Passed	Medium

Documentation

A professionally formatted report includes:

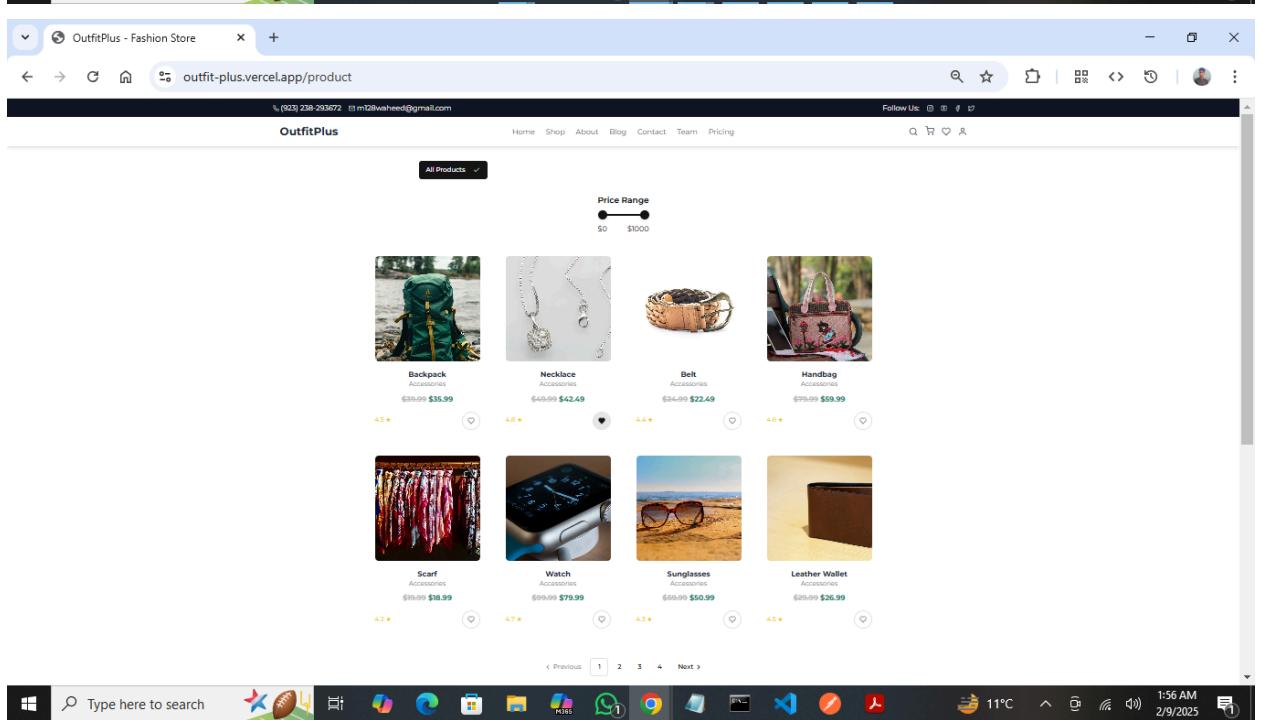
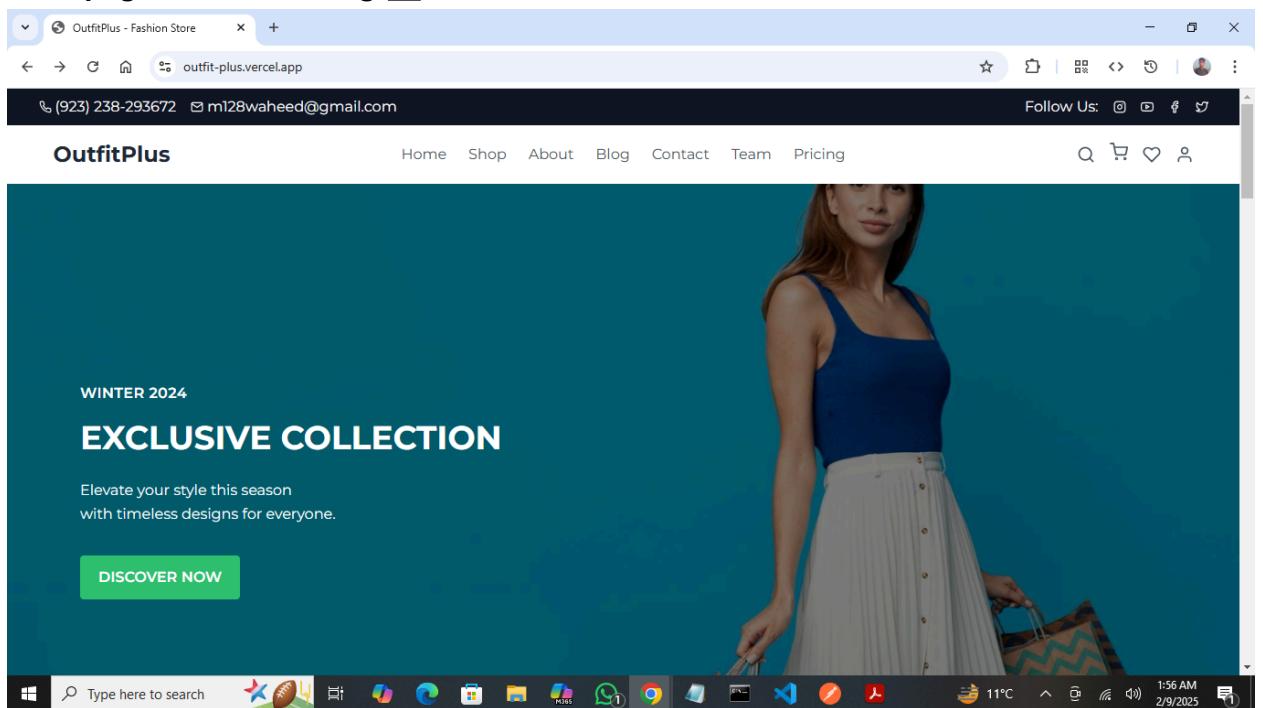
- **Test Cases Executed** and their results.
- **Performance Optimization** steps taken (e.g., image compression, lazy loading, caching).
- **Security Measures** implemented (e.g., input validation, API security, HTTPS enforcement).
- **Challenges Faced & Resolutions** applied.

Submission Format

- **File Format:** PDF
 - **Repository Submission:** All updated files, including the testing report, are uploaded to GitHub with a README summarizing updates.
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Attached Screenshots

1. Homepage Product Listing



2. Search Functionality Test ✓

The screenshot shows a Microsoft Edge browser window displaying the OutfitPlus website. The search bar at the top contains the query "t-shirt". Below the search bar, there is a "Price Range" slider set between \$0 and \$1000. The main content area displays three product cards:

- Kid's T-Shirt** (Kid's Wear) - \$14.99 **\$13.49**
- Men's Polo T-Shirt** (Men's Wear) - \$34.99 **\$31.49**
- Men's Casual Shirt** (Men's Wear) - \$29.99 **\$26.99**

The desktop taskbar at the bottom shows various pinned icons and the system tray indicating the date and time.

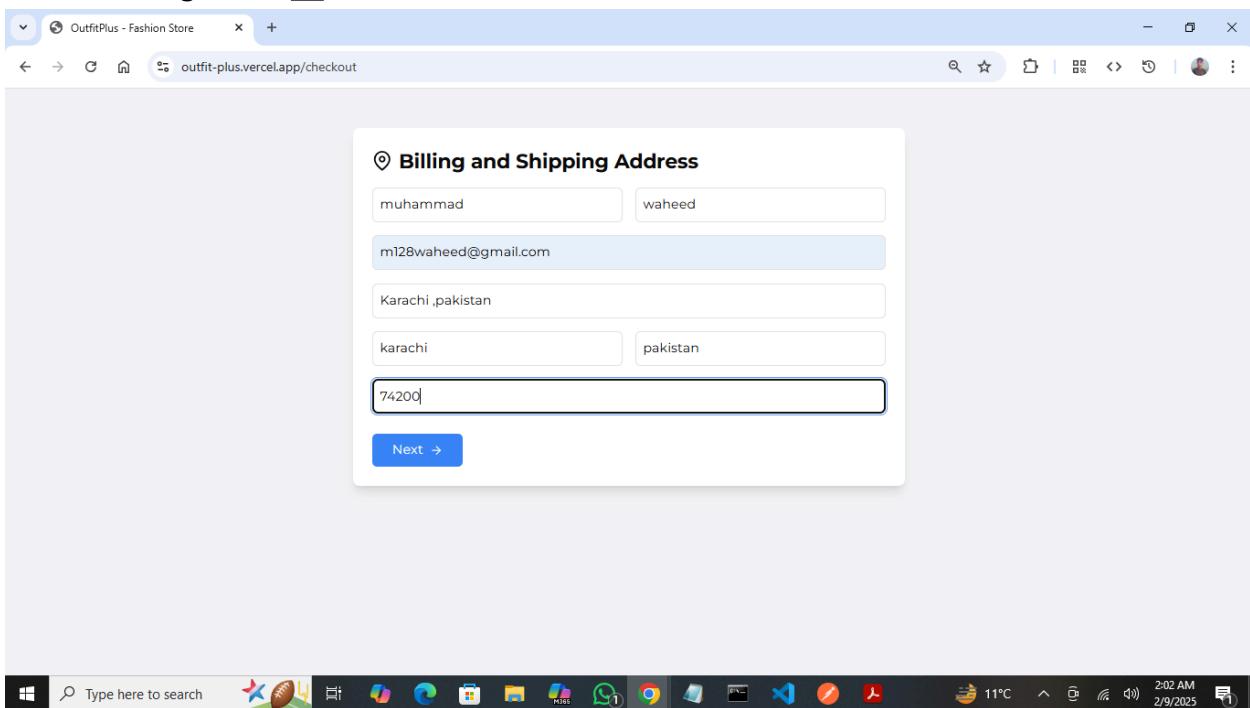
3. Cart Operations Test ✓

The screenshot shows a Microsoft Edge browser window displaying the OutfitPlus website. A modal window titled "Your Cart" is open on the right side of the screen, listing the following items:

- Kid's T-Shirt** - \$13.49 (Quantity: 1)
- Men's Leather Jacket** - \$84.99 (Quantity: 1)
- Women's Summer Dress** - \$50.99 (Quantity: 1)

The total subtotal is listed as **\$149.47**. At the bottom of the cart modal is a blue "Proceed to Checkout" button. The desktop taskbar at the bottom shows various pinned icons and the system tray indicating the date and time.

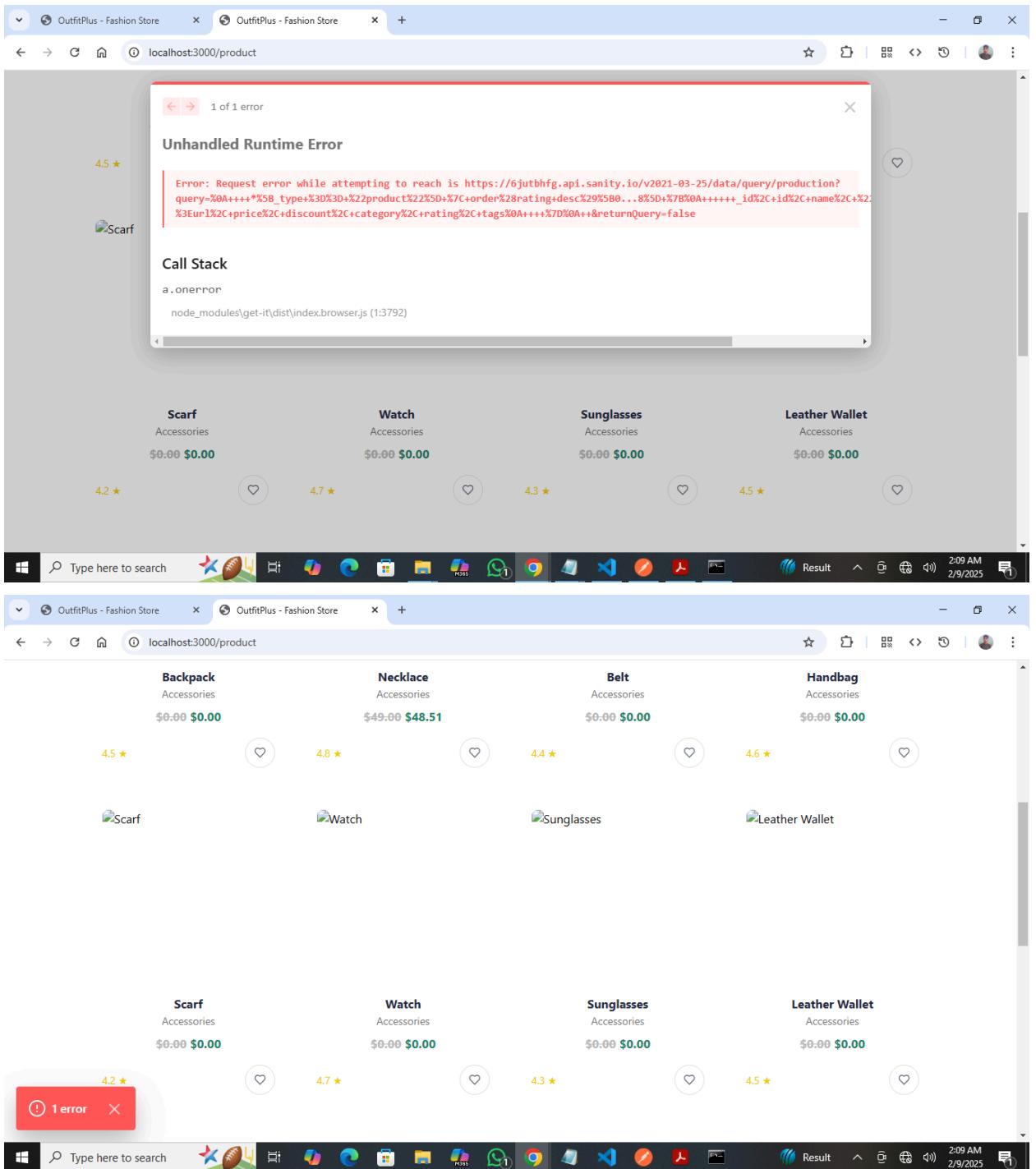
4. Checkout Page Test



The screenshot shows a web browser window with the title "OutfitPlus - Fashion Store". The URL in the address bar is "outfit-plus.vercel.app/checkout". A modal dialog box titled "Payment Details" is displayed. It contains four input fields: "Card Number", "Name on Card", "MM/YY", and "CVV". Below the fields are two buttons: "Previous" on the left and "Next →" on the right.

The screenshot shows a web browser window with the title "OutfitPlus - Fashion Store". The URL in the address bar is "outfit-plus.vercel.app/checkout". A modal dialog box titled "Order Summary" is displayed. It lists three items: "Kid's T-Shirt x1" (\$13.49), "Men's Leather Jacket x1" (\$84.99), and "Women's Summer Dress x1" (\$50.99). Below the items, it shows a total of "\$149.47". At the bottom are "Previous" and "Place Order" buttons.

5. API Failure Handling (Error Message)



The screenshot shows a Windows desktop environment with two browser windows open. Both windows display a product listing page for accessories, specifically scarves, watches, sunglasses, and leather wallets.

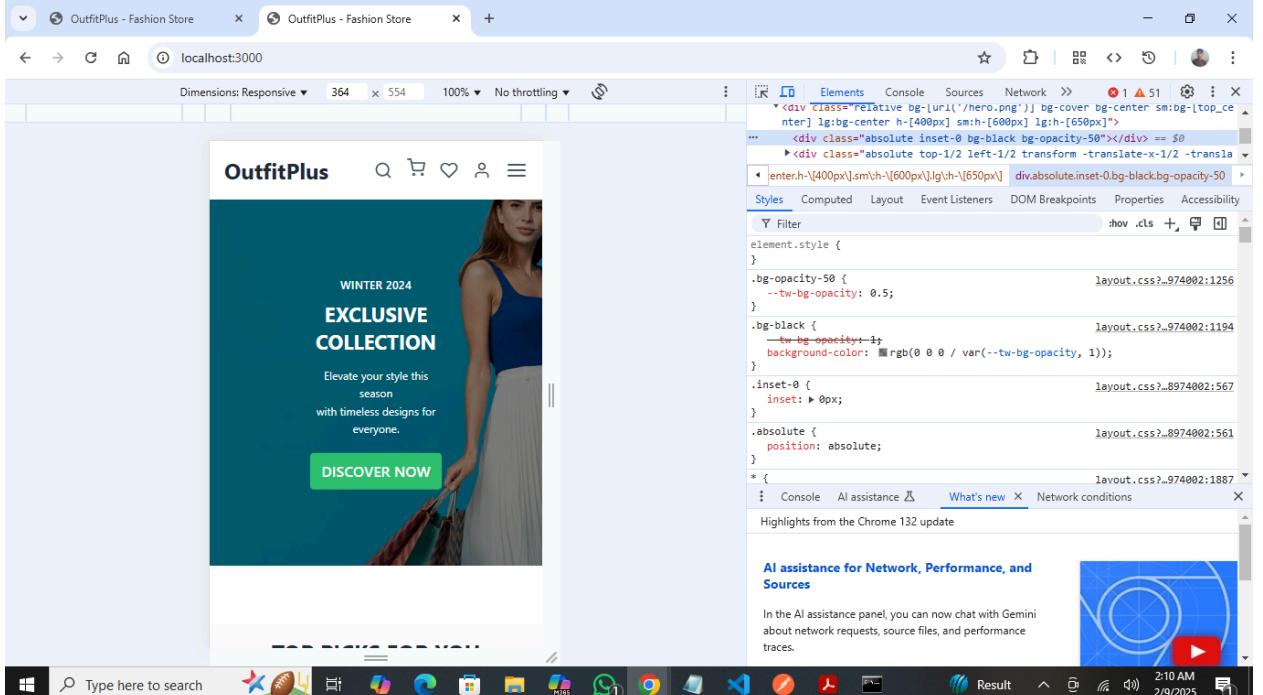
Top Browser Window: This window shows an error dialog box titled "Unhandled Runtime Error". The error message is a red box containing the following text:
Error: Request error while attempting to reach is https://6jutbhfg.api.sanity.io/v2021-03-25/data/query/production?query=%0A++++%5B_type=%30%3D+%22product%22%5D+%7C+order%28rating+desc%29%5B0..8%5D+%7B%0A++%2B+_id%2C+name%2C+%23Eur1%2C+price%2C+discount%2C+category%2C+rating%2C+tags%0A++%7D%0A++&returnQuery=false

Bottom Browser Window: This window shows the same product listing page. A red box at the bottom left of the page contains the text "① 1 error" and an "X" button. The rest of the page displays the four products with their details and star ratings.

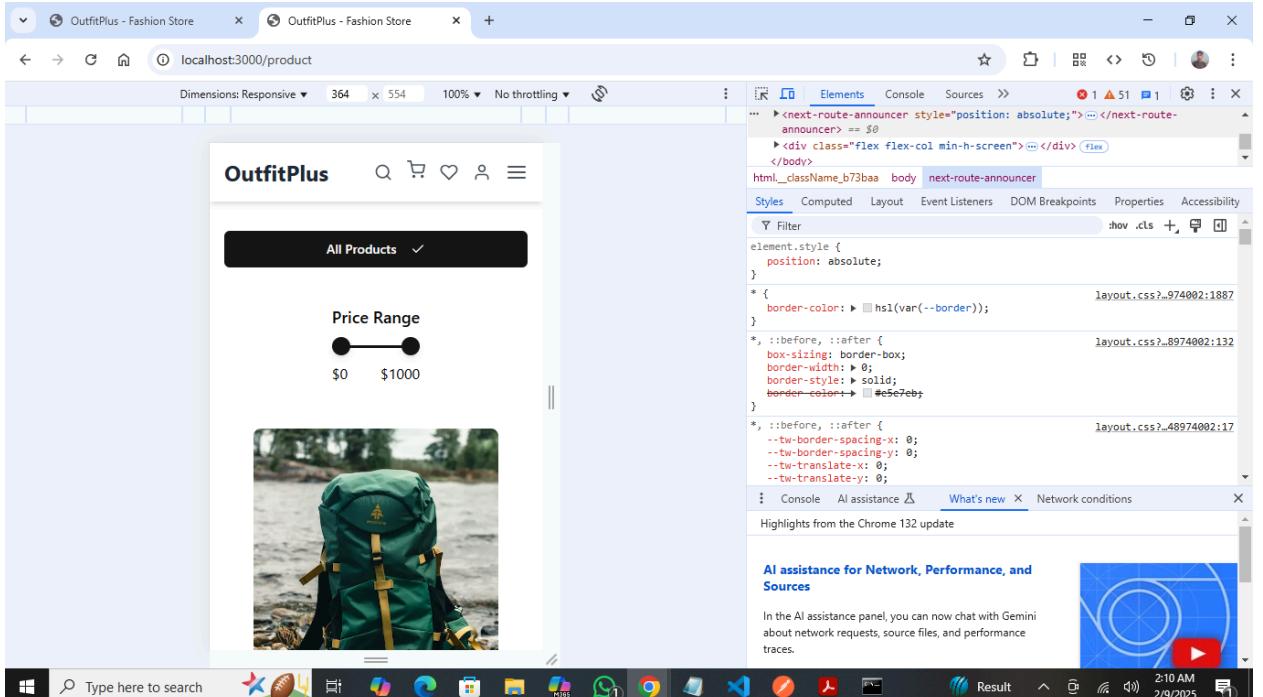
Product Details:

Accessory Type	Category	Rating	Image
Scarf	Accessories	4.2 ★	
Watch	Accessories	4.7 ★	
Sunglasses	Accessories	4.3 ★	
Leather Wallet	Accessories	4.5 ★	
Backpack	Accessories	4.5 ★	
Necklace	Accessories	4.8 ★	
Belt	Accessories	4.4 ★	
Handbag	Accessories	4.6 ★	

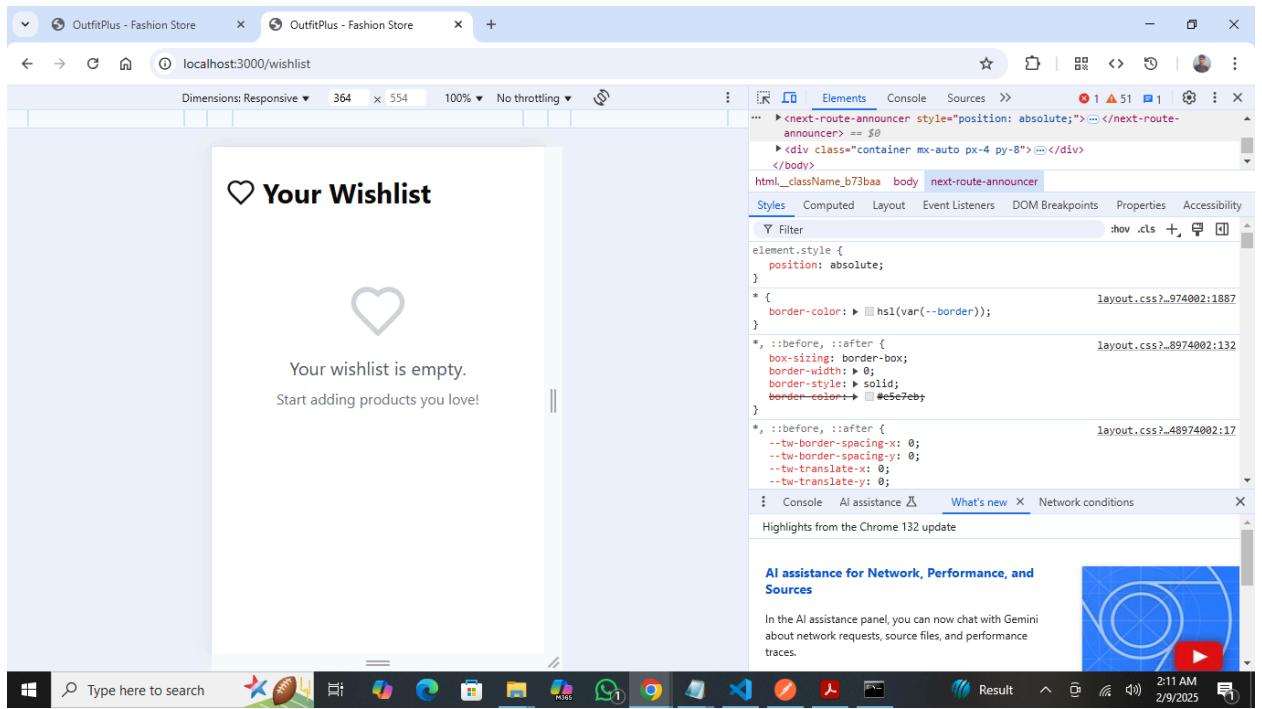
6. Mobile View Responsiveness Test



The screenshot shows the OutfitPlus mobile homepage displayed within a browser's developer tools. The page features a dark teal header with the brand name 'OutfitPlus' and a navigation bar. Below the header is a large hero image of a woman in a blue top and white skirt, with the text 'WINTER 2024 EXCLUSIVE COLLECTION'. A green button labeled 'DISCOVER NOW' is visible. The developer tools sidebar on the right shows CSS styles for various elements, including classes like '.bg-opacity-50' and '.bg-black'. The status bar at the bottom indicates a resolution of 364 x 554 pixels.



The screenshot shows the OutfitPlus product listing page within the developer tools. The page includes a black header bar with 'All Products' and a dropdown arrow. Below it is a 'Price Range' slider set between '\$0' and '\$1000'. A large image of a green backpack is centered on the page. The developer tools sidebar shows CSS styles for the 'next-route-announcer' element and other page components. The status bar at the bottom indicates a resolution of 364 x 554 pixels.



OutfitPlus - Fashion Store OutfitPlus - Fashion Store

localhost:3000/product

Your Cart

Your cart is empty.

Start Shopping

AI assistance for Network, Performance, and Sources

In the AI assistance panel, you can now chat with Gemini about network requests, source files, and performance traces.

OutfitPlus - Fashion Store OutfitPlus - Fashion Store

localhost:3000/auth

Sign in to your account

Or create a new account

Sign in to your account

Email address

Password

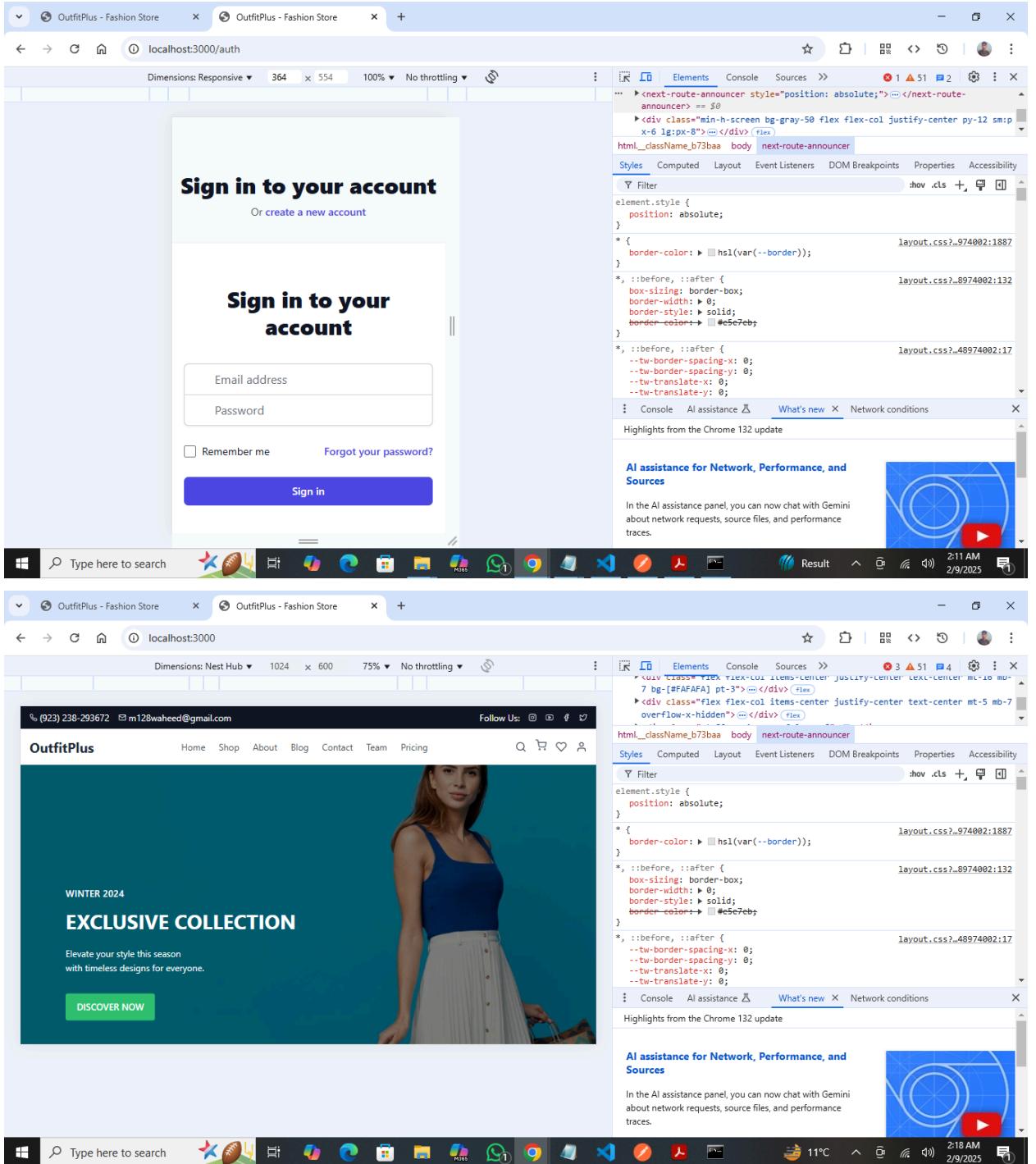
Remember me [Forgot your password?](#)

Sign in

AI assistance for Network, Performance, and Sources

In the AI assistance panel, you can now chat with Gemini about network requests, source files, and performance traces.

7. Cross-Browser Compatibility Test



The image shows two side-by-side screenshots of a web browser interface, likely Microsoft Edge, displaying the OutfitPlus website. Both screenshots include developer tools (Elements tab) overlaid on the pages.

Top Screenshot (Sign-in Page):

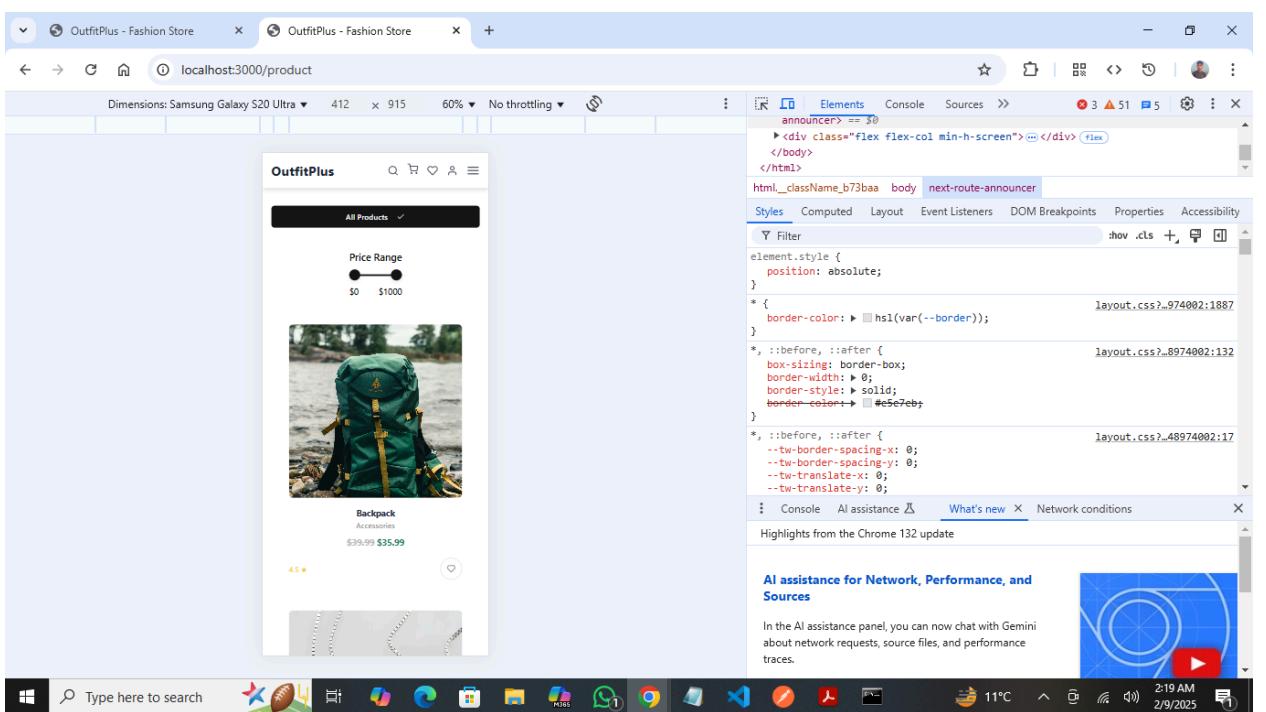
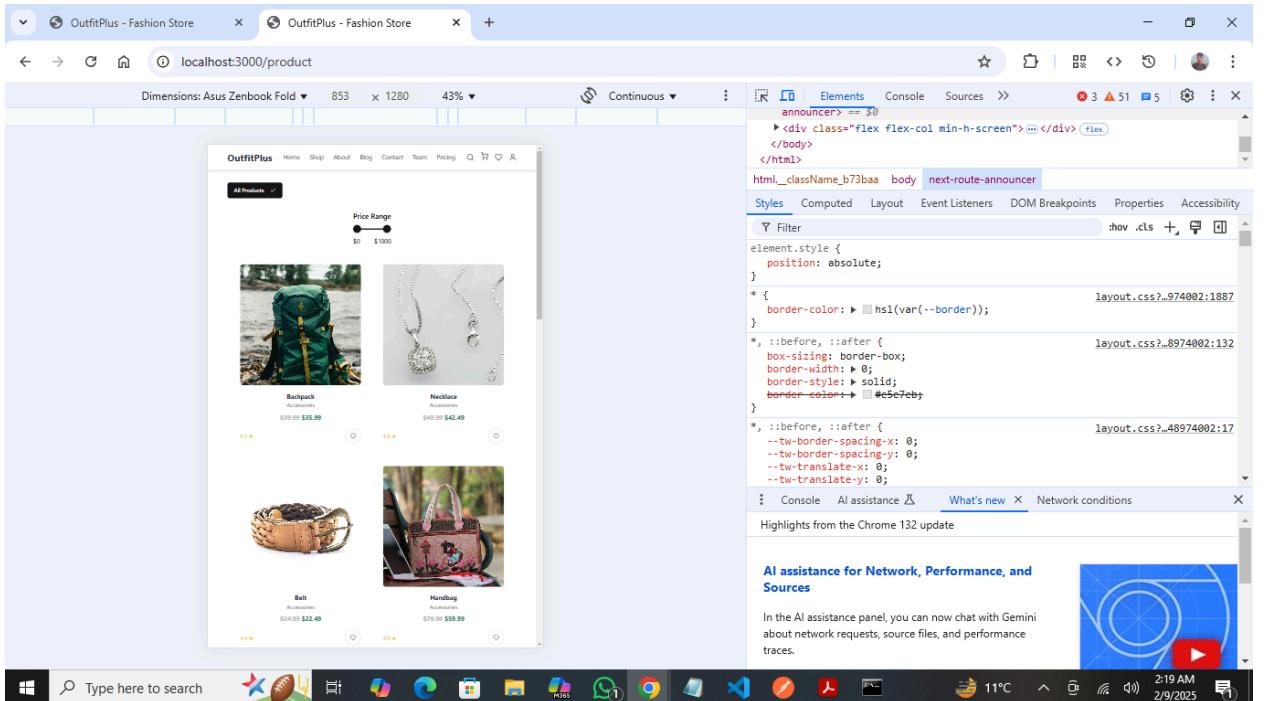
- Page Title:** Sign in to your account
- Text:** Or create a new account
- Form Fields:** Email address, Password
- Checkboxes:** Remember me, Forgot your password?
- Buttons:** Sign in

Bottom Screenshot (Home Page):

- Page Title:** OutfitPlus - Fashion Store
- Header:** (923) 238-293672, m128waheed@gmail.com, Follow Us: (social icons)
- Navigation:** Home, Shop, About, Blog, Contact, Team, Pricing
- Image:** A woman in a blue top and white skirt.
- Text:** WINTER 2024, EXCLUSIVE COLLECTION, Elevate your style this season with timeless designs for everyone.
- Button:** DISCOVER NOW

Developer Tools (Elements Tab):

Both screenshots show the Elements tab of the developer tools open, displaying the HTML structure and CSS styles for the respective pages. The code includes classes like `.min-h-screen`, `.bg-gray-50`, and `.flex flex-col justify-center py-12 sm:py-16 lg:px-8`, and colors like `#e5e7eb`.



Two screenshots of the OutfitPlus - Fashion Store website displayed in a browser window, showing the product page and the homepage, respectively, with the Chrome DevTools Elements tab open.

Product Page Screenshot:

Home Page Screenshot:

Developer Tools (Elements Tab) Details:

The developer tools are showing the DOM structure and CSS styles for both the product page and the homepage. Key elements include:

- Product Page:**
 - Header: OutfitPlus - Fashion Store
 - Dimensions: iPhone 14 Pro Max (430 x 932)
 - Body content includes a search bar, a price range filter, and a product card for a "Backpack Accessories" priced at \$35.99.
 - Element selected: `<div class="flex flex-col min-h-screen">`
 - Style applied: `htmlClassName_b73baa body next-route-announcer`
- Home Page:**
 - Header: OutfitPlus - Fashion Store
 - Dimensions: iPad Mini (768 x 1024)
 - Body content includes a hero section for the "WINTER 2024 EXCLUSIVE COLLECTION" and a "TOP PICKS FOR YOU" section.
 - Element selected: `<div class="flex flex-col items-center justify-center text-center mt-5 mb-7 overflow-x-hidden">`
 - Style applied: `htmlClassName_b73baa body next-route-announcer`

The developer tools also show the AI assistance panel, which allows users to chat with Gemini about network requests, source files, and performance traces.