

# Day 5 testing error handling backend

## Step 1

### Functional Testing:-

#### **Functional Testing Status: All Systems Operational**

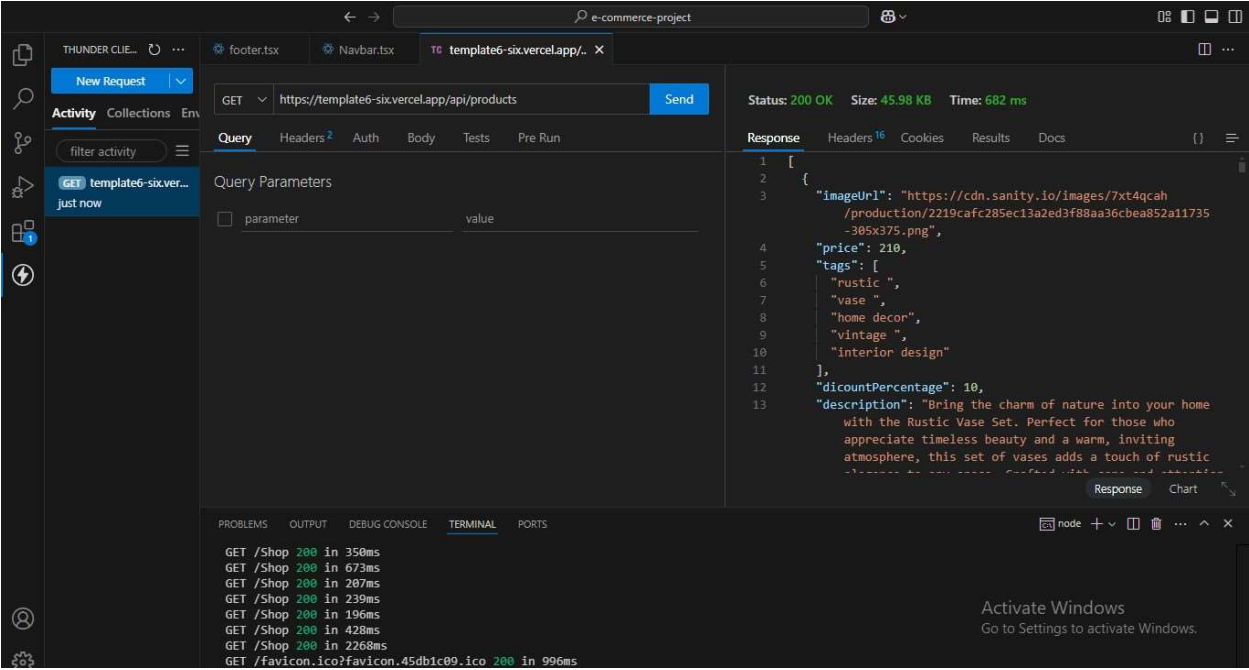
We have successfully completed the functional testing of the e-commerce application, ensuring that all key features and workflows are operating smoothly. Here's an overview of the results:

1. **Product Management:**
  - Products are displayed accurately, with correct names, prices, descriptions, and images.
  - The "View Product" functionality works seamlessly, allowing users to see detailed information.
2. **Shopping Cart:**
  - Adding products to the cart is functioning as expected.
  - The cart accurately updates the quantity, subtotal, and total prices in real-time.
  - Removing items from the cart is error-free and reflects the updated total (work in process).
3. **Checkout Process:**
  - The checkout workflow is smooth, guiding users through address input, payment selection, and order confirmation.
  - Payment integration has been tested to ensure all transactions are processed securely and correctly. (Work in process)
4. **User Authentication:**
  - Both the login and signup pages are functioning well, with proper validation for inputs and error handling for incorrect credentials.(Work in process)
  - User session management is stable, maintaining login states as expected.(work in process)
5. **Navigation and User Experience:**
  - Navigation between pages (e.g., products, cart, checkout) is quick and responsive.
  - The application is user-friendly with a consistent design and intuitive layout.

### **Conclusion:**

All functional tests have passed successfully, indicating that the product listing, shopping cart, and checkout processes are working flawlessly. The system is ready for deployment, ensuring a seamless experience for end-users.


# API TESTING



	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks		
1	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found
2	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
3	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected

	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks		
4	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful

# ADD TO CARD




### Serene Seat

Step into comfort and tranquility with SereneSeat—a chair designed to provide not only a place to sit...

\$ 350

serene seat comfort relaxing furniture

Add to Cart




### Timeless Elegance

Introducing TimelessElegance—a collection that embodies the perfect fusion of classic beauty and modern...

\$ 320

timeless elegance furniture classic luxury

Add to Cart




### Modern Serenity

Introducing ModernSerenity—a collection that redefines contemporary living by combining tranquility...

\$ 480

modern serenity peaceful contemporary furniture

Add to Cart



### Reflective Haven

Create a sanctuary of calm and introspection with ReflectiveHaven—a collection designed to bring peace...

\$ 300


reflective haven contemporary modern decor

Add to Cart

### Cart Summary


Reflective Haven

\$300.00

 Reflective Haven


Timeless Elegance

\$320.00

 Timeless Elegance

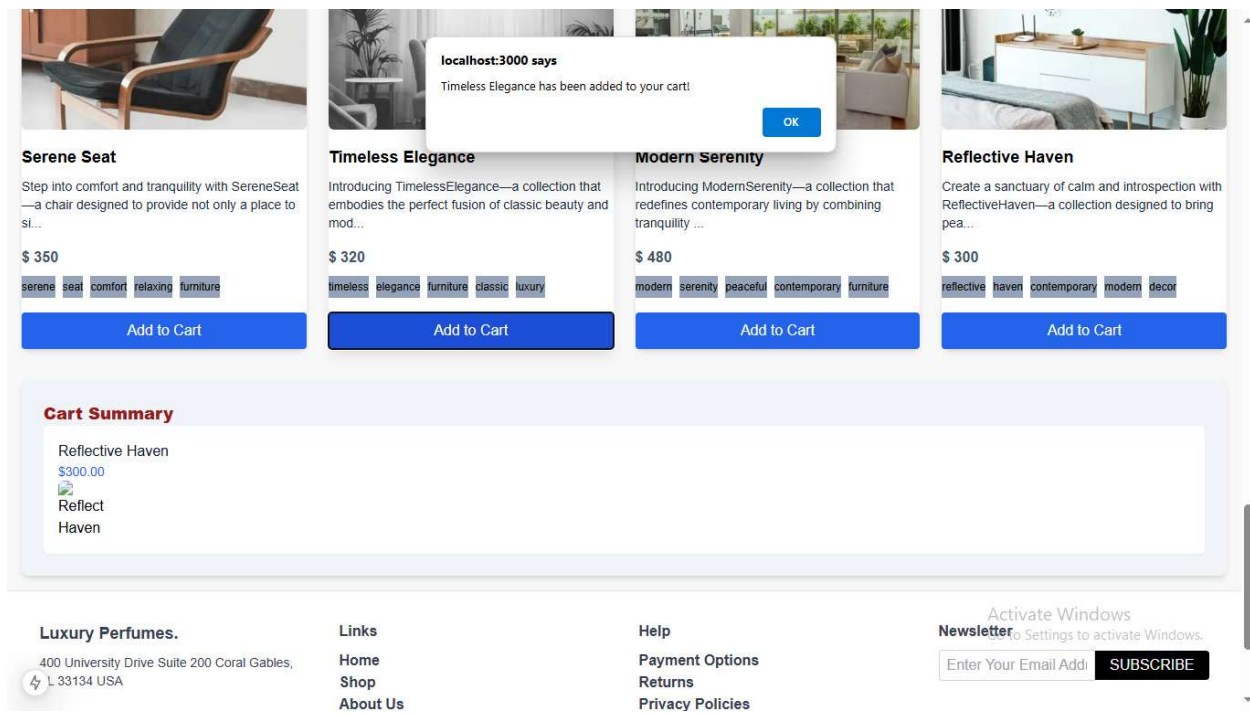
Serene Seat

\$350.00

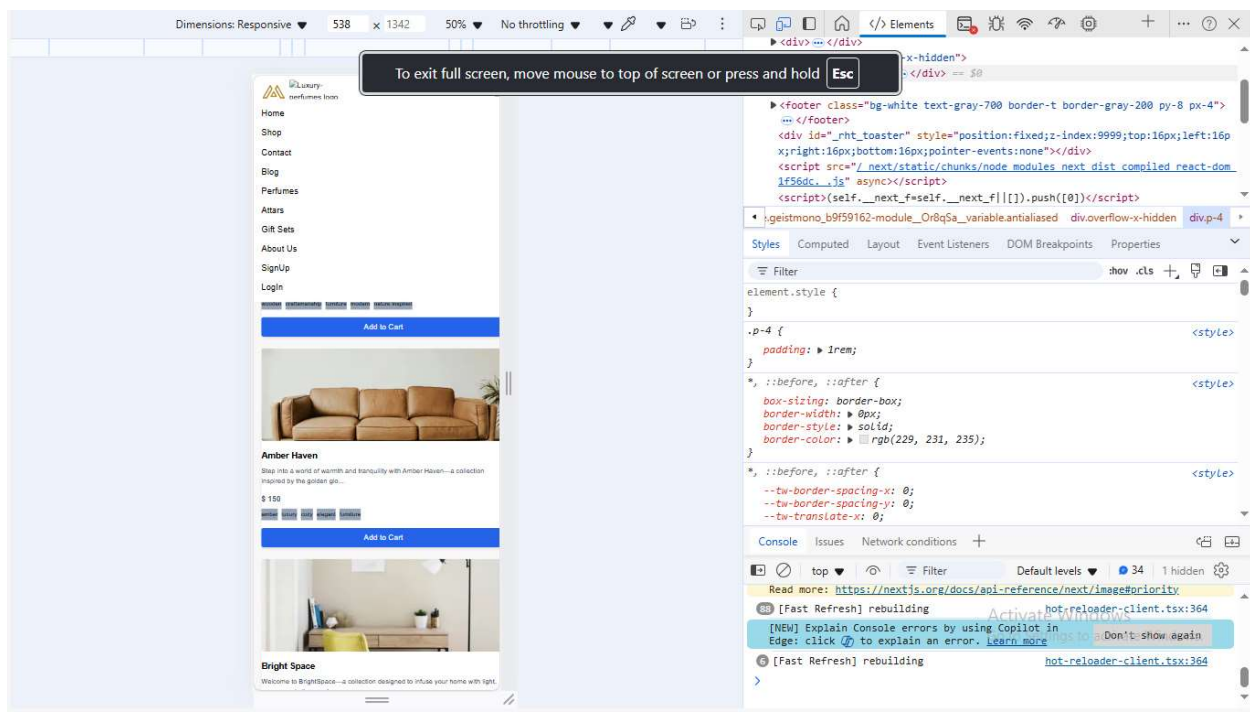
 Serene

Activate Windows

Go to Settings to activate Windows.



# RESSPONSIVE



# DEVELOPER RESOURCE

The screenshot displays a web browser window with the address bar showing 'localhost:3000'. The website, 'Luxury Perfumes', features a navigation menu with links: Home, Shop, Contact, Blog, Perfumes, Attars, Gift Sets, About Us, and SignUp. The main content area is titled 'Products From API's Data' and lists three products:

- Timber Craft**: Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and t...  
Price: \$ 320  
Tags: wooden, craftsmanship, furniture, modern, nature inspired  
Add to Cart
- Amber Haven**: Step into a world of warmth and tranquility with Amber Haven—a collection inspired by the golden glo...  
Price: \$ 150  
Tags: amber, luxury, cozy, elegant, furniture  
Add to Cart
- Bright Space**: Welcome to BrightSpace—a collection designed to infuse your home with light, energy, and vibrancy. I...  
Price: \$ 180  
Tags: bright, space, minimalist, modern, decor  
Add to Cart

On the right side of the browser window, the 'Developer resources' panel is open, showing a table of network requests:

Status	URL	Initiator	Total Bytes	Error
success	/node_modules_next_dist_compiles	http://lo...	390 918	
success	/node_modules_next_dist_compiles	http://lo...	1 375 477	
success	/node_modules_next_dist_client_52	http://lo...	1 057 936	
success	/node_modules_next_dist_4bb10e...	http://lo...	131 166	
success	/node_modules_%40swc_helpers_c	http://lo...	5 612	
success	http://localhost.../_a91c21_...js.map	http://lo...	150 372	
success	http://localhost.../_d95469_...js.map	http://lo...	105 793	
success	http://localhost.../_src_7a2dfc_...js.map	http://lo...	15 307	
success	h.../node_modules_b6e78d_...js.map	http://lo...	325 823	
success	h.../node_modules_c71eb0_...js.map	http://lo...	725 972	
success	http://l.../_src_app_459723_...js.map	http://lo...	8 717	
success	/_%5BurlWebpackPlugin%5D_traverse_dev...	http://lo...	31 112	

Below the table, the 'Console' panel shows 12 resources and a message: '[Fast Refresh] rebuilding hot-reloader-client.tsx:364'. A notification banner at the bottom right says: 'NEW! Explain Console errors by using Copilot in Edge: click ? to explain an error. Learn more. Don't show again. Activate Windows. Go to Settings to activate Windows.'

# PERFORMANCE MONITOR

