

# Day 5 - Testing and Backend Refinement - Sofas

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[Detail light house report](#)  [light\\_house\\_report.pdf](#)

### **Step 1: Functional Testing**

- Home Page: All functions working properly. (Images)
- Shop Page: Functions, filters (categories, price sorting) working correctly. (Images)
- Single Product Page: Dynamic routing, add-to-cart, wishlist, and quantity updates working. (Images)
- Cart Slider & Page: Functions without errors. (Images)
- Checkout Page: Works properly. (Images)
- Order Confirmation Page: Works as expected. (Images)
- Wishlist Feature: Working properly. (Images)
- Contact Page: Functioning as expected. (Images)
- Search Feature: Working properly. (Images)

### **Step 2: Responsive Testing**

- Website is responsive across mobile, tablet, laptop, and desktop. (Images)

### **Step 3: API Testing**

- API tested using Thunder Client.

### **Step 4: Performance Testing (Lighthouse Audit)**

- Passed: HTTPS, no deprecated APIs, input pasting allowed, proper viewport settings, correct image rendering, legible fonts, no console errors.

### **Step 5: Developer Resources Test**

### **Step 6: Performance Monitoring**

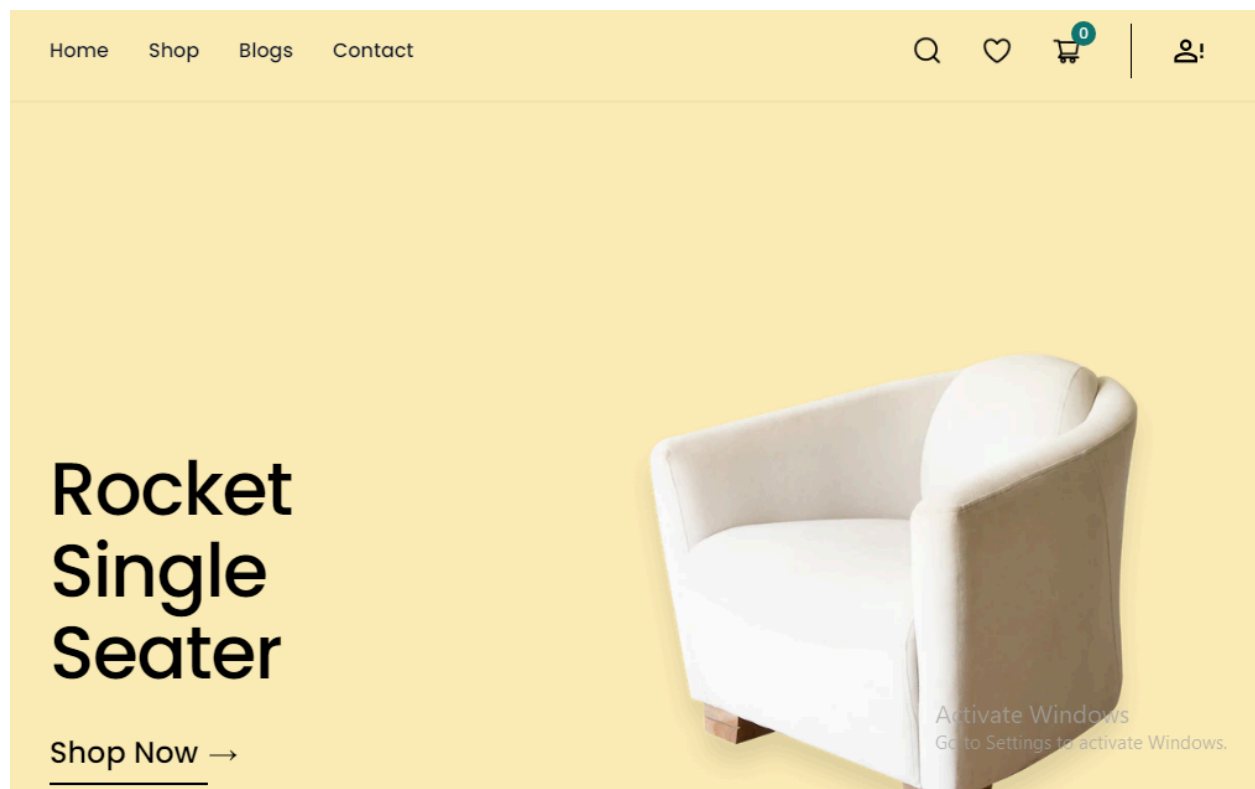
### **Step 7: Testing Report**

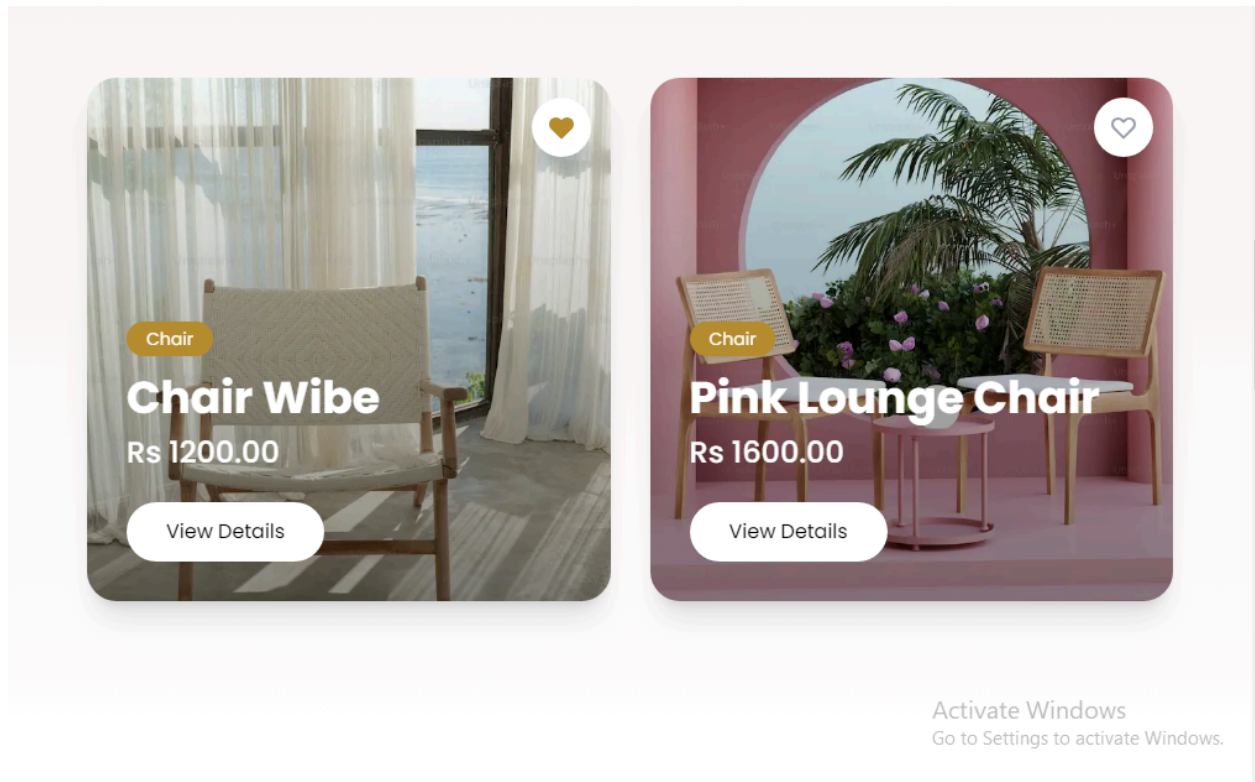
# Step 1. Functional Testing

## 1. Home Page

Home is working properly, and all functions are working too.

### *Images*








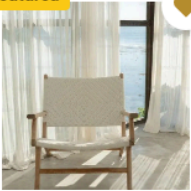
## 2. Shop Page

The shop page is also working properly as it has to, and also the filtration section functions are working too, including categories and prices, for example, high to low or low to high, A to Z or Z to A.

### *Images*

 Filter   | Showing 1–16 of 21 results Show 16 ▾ Sort by Default ▾

Featured




Chair

Chair Wibe

A sleek outdoor chair with natural wooden elements and a modern look


Featured



Chair

Pink Lounge Chair

A spacious lounge chair with a quilted back and soft cushioning

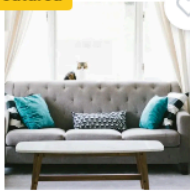


Chair

Hans Wegner Style Three-Chair

Iconic three-legged chair with faux leather and ash plywood frame




Featured



Sofa

Nautilus Lounge Chair

A lounge chair with a shell-inspired design and premium upholstery

 Filter   | Showing 1–16 of 21 results Show 16 ▾ Sort by Default ▾


Categories

☐ Chair

☐ Sofa

☐ Table

☐ Bed



Chair


Chair Wibe

A sleek outdoor chair with natural wooden elements and a modern look.

Rs 1200.00

~~Rs 1333.00~~ (10% off)

In Stock

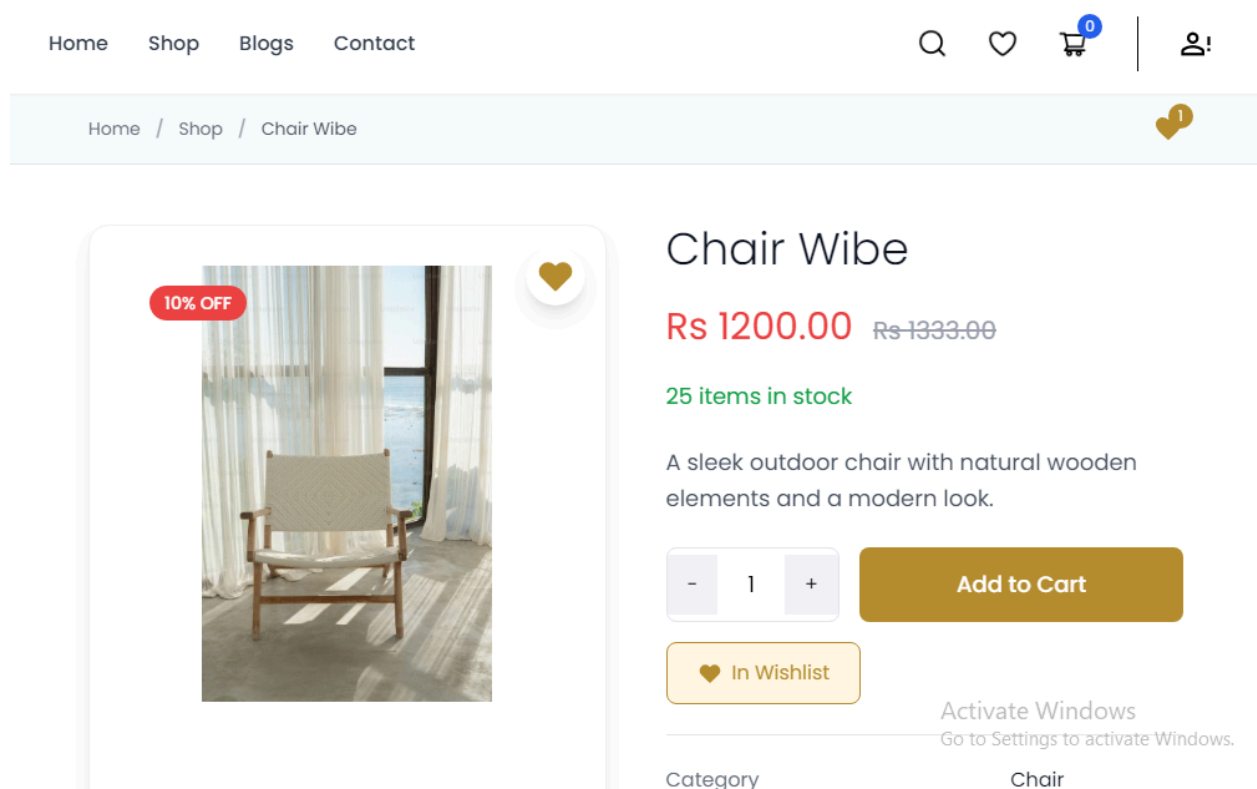


Activate Windows  
Go to Settings to activate Windows.

### 3. *Single Product Page (Using Dynamic Route)*

This page is also working as it has to be and for each product that came from sanity.io, this page working properly and all the functions are working too, including add-to-cart feature and wishlist quantity increment and decrement, etc

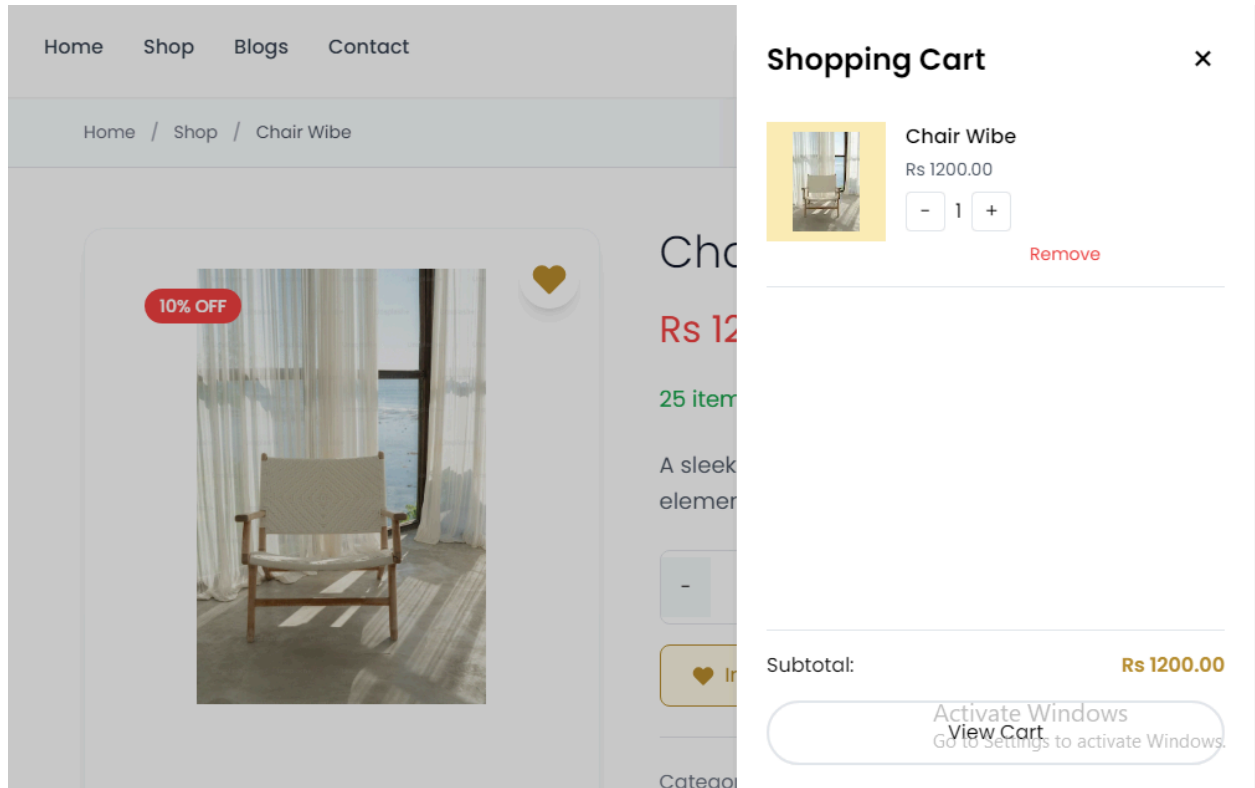
## *Images*

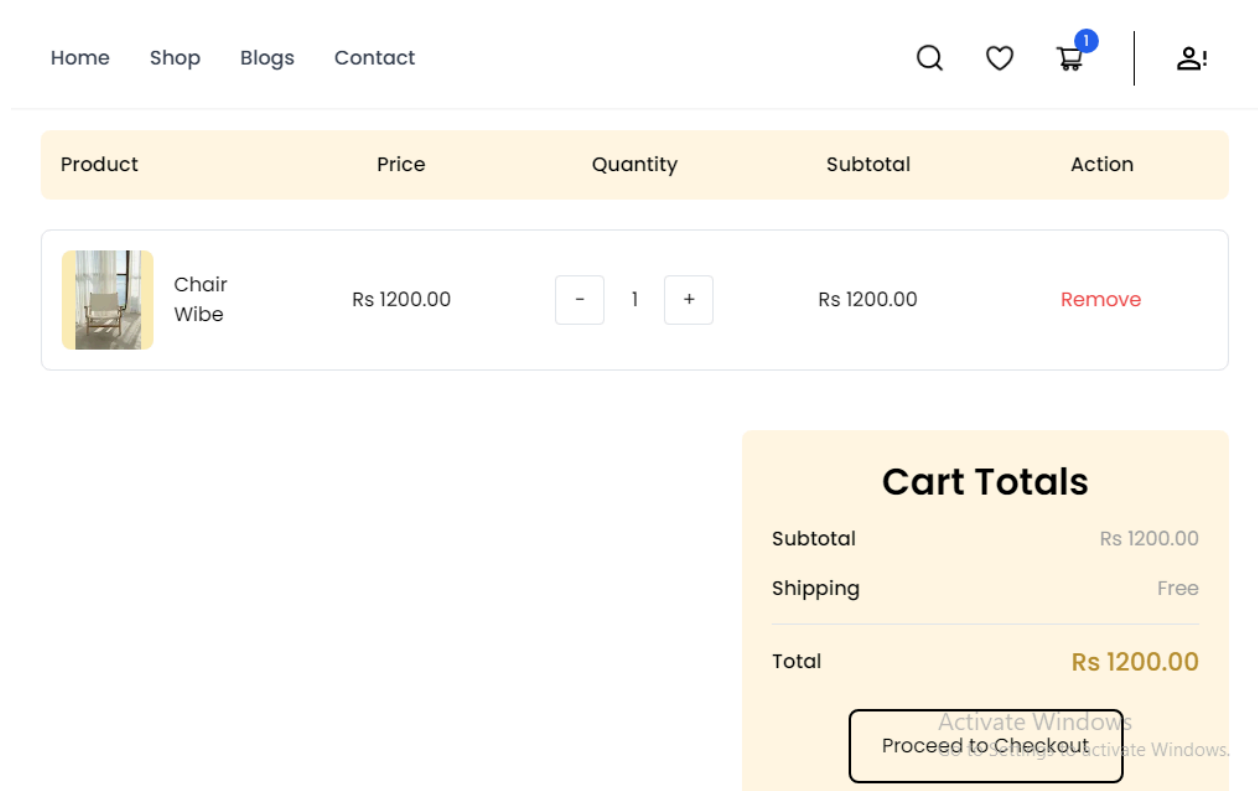


### 4. *Cart Slider and Page*

This feature function is also working properly without any errors.

## Images





## 5. Checkout Page

This page is also working properly without any errors

## Images

## Billing details

First Name \*

Ahsan

Last Name \*

Paracha

Company Name (Optional)

Sofas

Country / Region

Pakistan

Street address

Street

Town / City

Karachi

## Product

Product UBJkx5HPkIkwS3fxmFvR4n (x1)

## Subtotal

Rs 1,200

Subtotal

Rs 1,200

Shipping

Free

Total

**Rs 1,200**

## Payment Methods



**Cash on Delivery**

Pay with cash upon delivery



**Credit/Debit Card**

Secure online payment

☒ I have read and agree to the website [terms and conditions](#) and [privacy policy](#)

Place Order

Activate Windows

## 6. Order Confirm Page

Working properly as it has to be.

## Images





## Order Placed Successfully!

Thank you for your purchase. Your order has been confirmed and will be processed shortly.

### What's Next?

1

#### Order Processing

We're preparing your items

2

#### Quality Check

Ensuring your items meet

3

#### Activate Windows

Shipping

Your order will be

## 7. *Wishlist Feature*

Working Properly.

## *Images*

## Your Wishlist

[Home](#) > / [Wishlist](#)



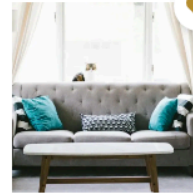
Chair  
Chair Wibe



Chair  
Pink Lounge  
Chair



Chair  
Hans Wegner  
Style Three-...



Sofa  
Nautilus Lounge  
Chair

## 8. *Contact Page*

Working properly.

*Images*

For More Information About Our Product & Services. Please Feel Free To Drop Us  
An Email. Our Staff Always Be There To Help You Out. Do Not Hesitate!



#### Address

236 5th SE Avenue, New  
York NY10000, United  
States



#### Phone

Mobile: +(84) 546-6789  
Hotline: +(84) 456-6789



#### Working Time

Monday-Friday: 9:00 -  
22:00  
Saturday-Sunday: 9:00 -  
21:00

Name \*

Email address \*

Subject \*

Message \*

Submit

Activate Windows  
Go to Settings to activate Windows.

## 9. Search feature

Working properly.

## Images

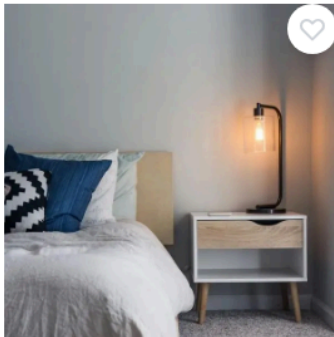
# Rocket Single Seater

[Shop Now](#) →



Activate Windows  
Go to Settings to activate Windows.

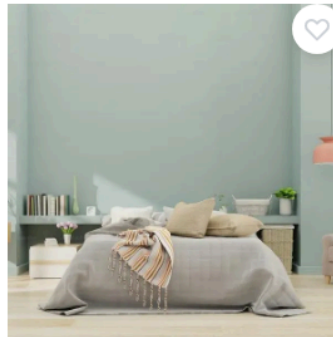
## Search Results for "BED"



Matilda Velvet Bed

**Rs 600.00** ~~Rs 700.00~~

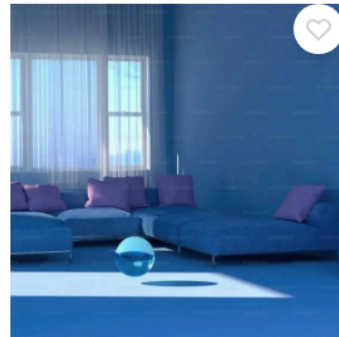
Add to Cart



Solid Bed

**Rs 100.00** ~~Rs 133.00~~

Add to Cart



Blue Bed

**Rs 780.00** ~~Rs 910.00~~

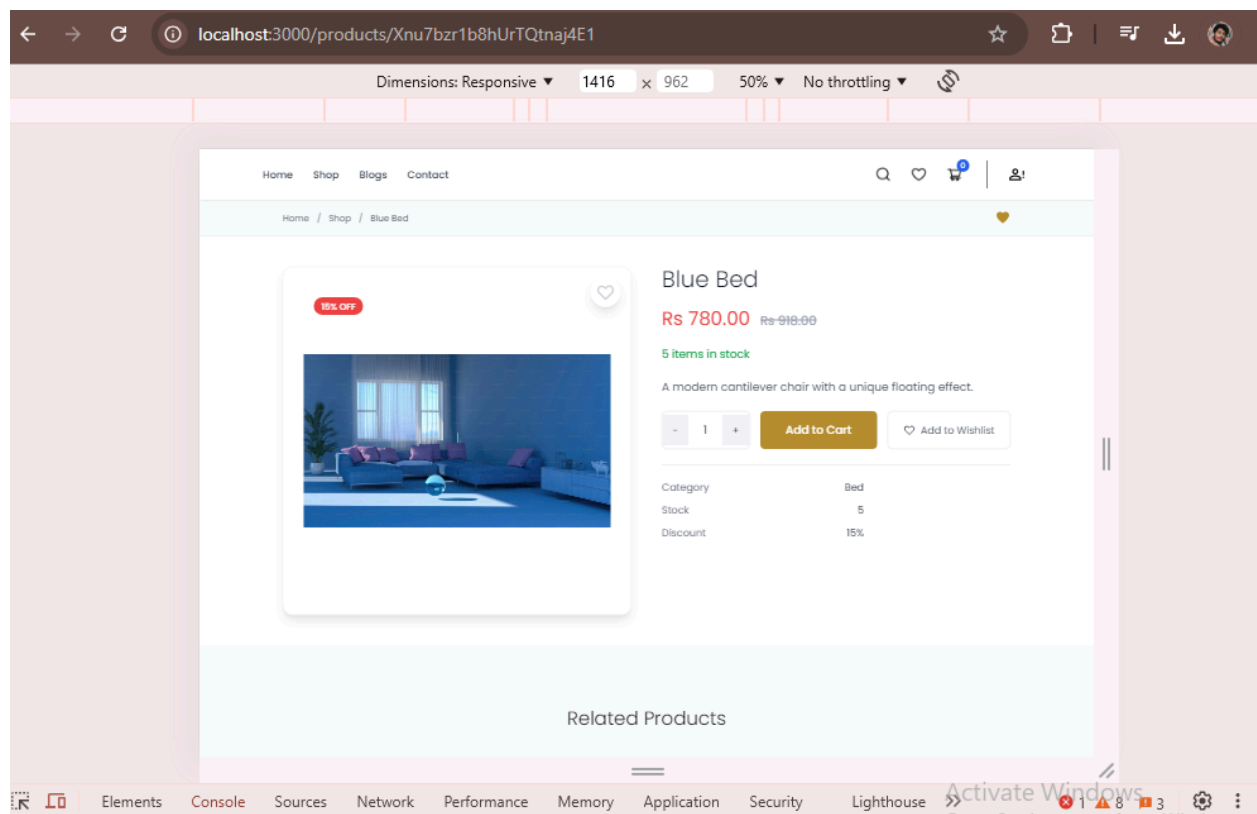
Add to Cart

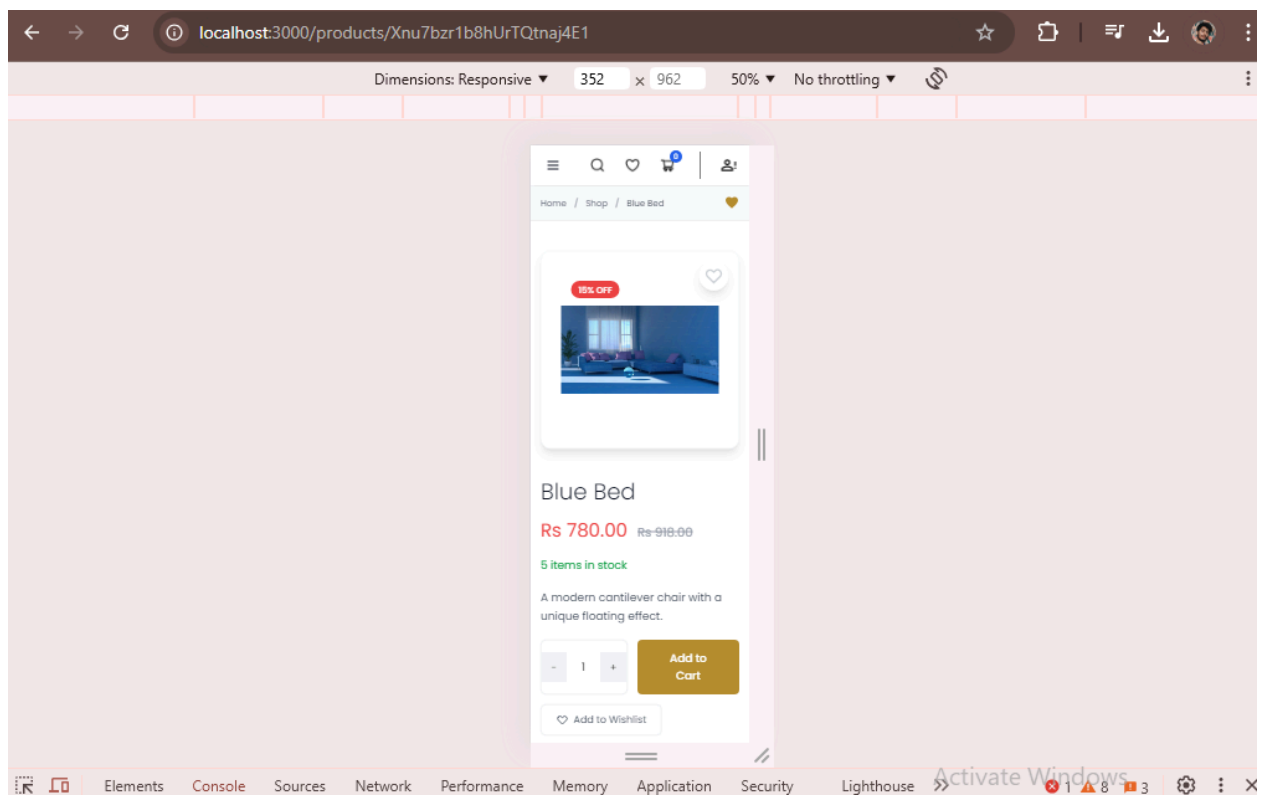
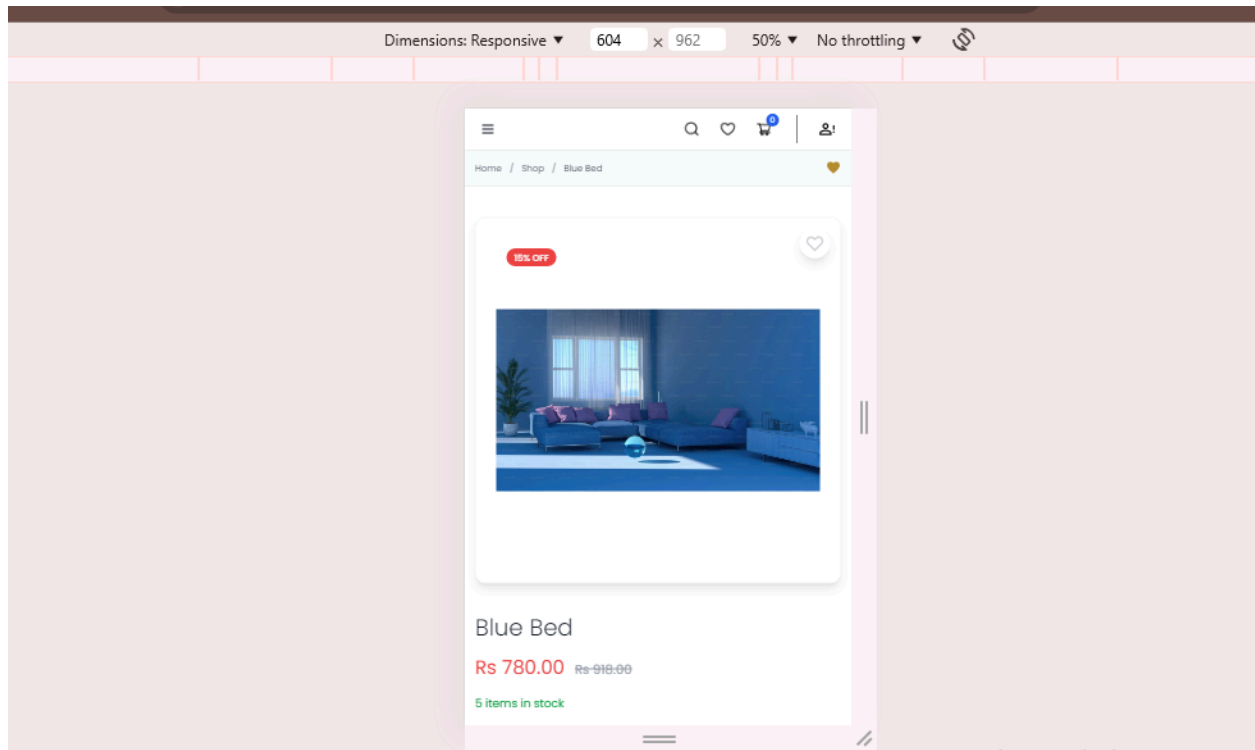
Activate Windows  
Go to Settings to activate Windows.

# Step 2. Check Responsive (for all devices)

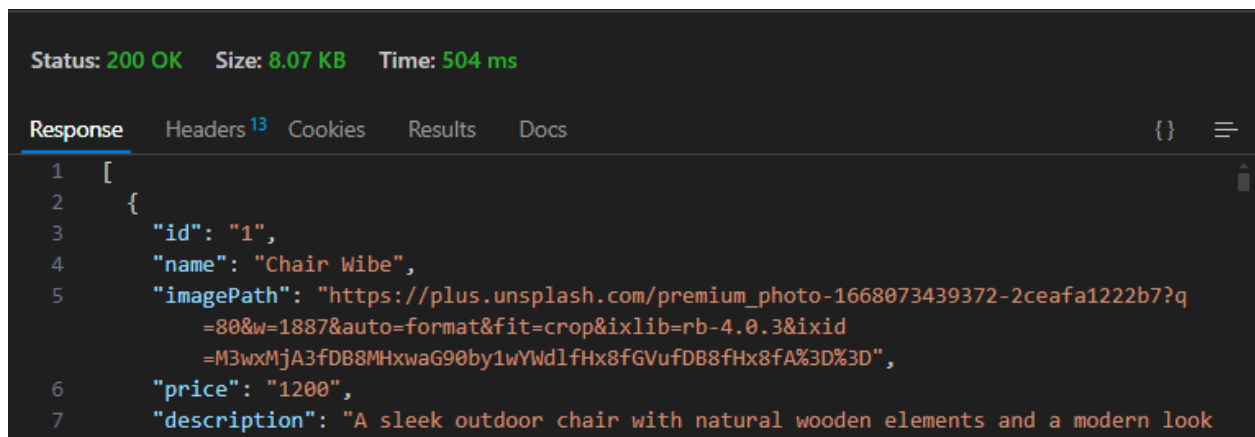
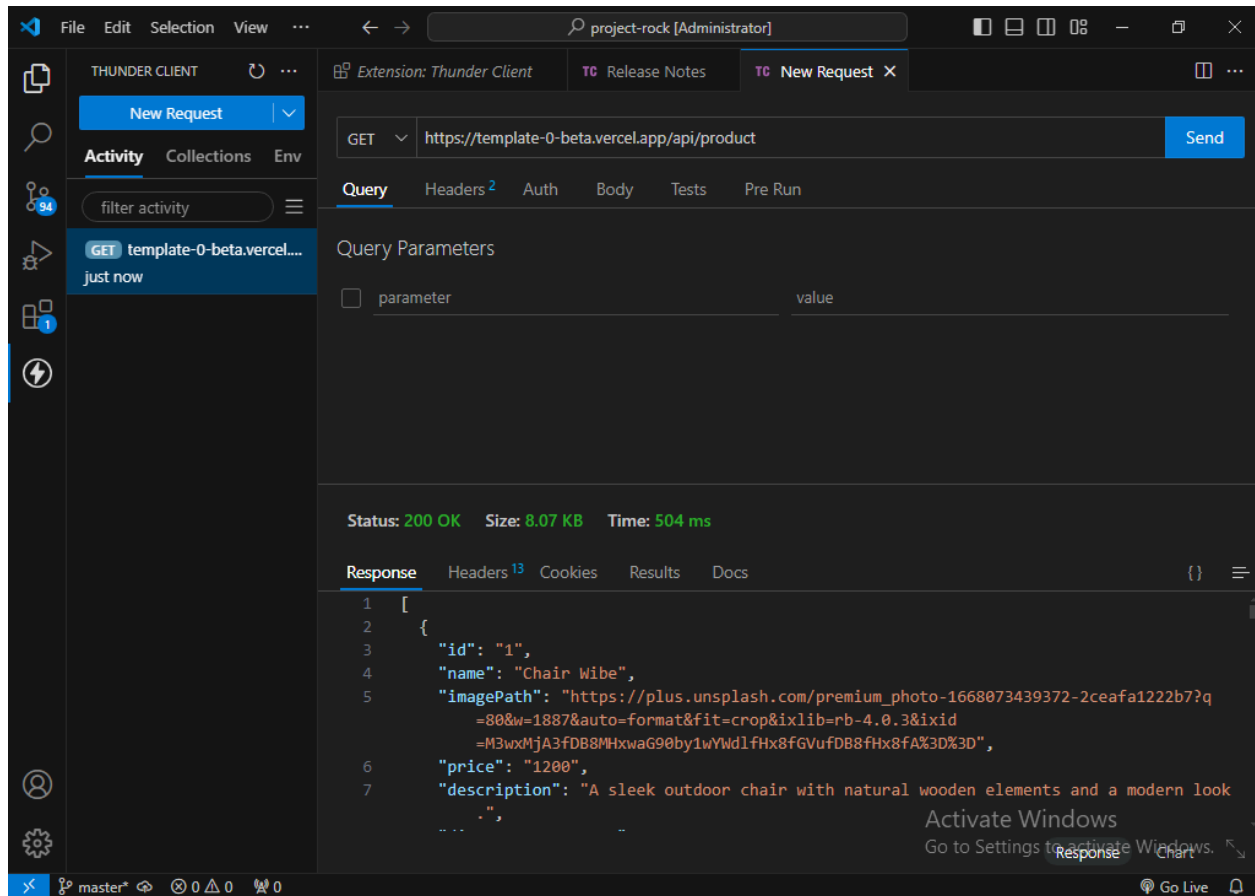
The website is responsive for all devices, including mobile, tablet, laptop, desktop, etc

## Images



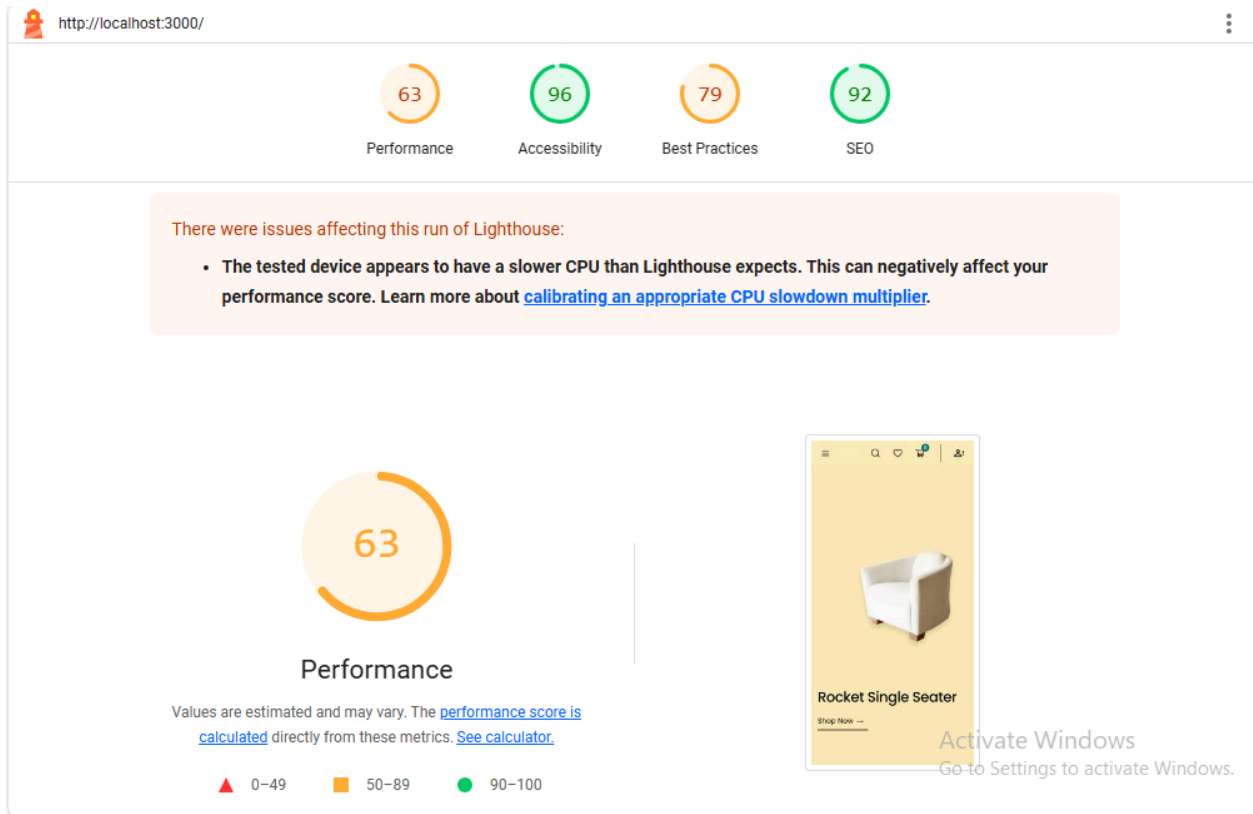


## Step 3. Checking API Using Thender client



# 4. Performance Testing

Via Light House







http://localhost:3000/



63

96

79

92



## Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator](#).

▲ 0-49   ■ 50-89   ● 90-100



Rocket Single Seater

Shop Now →

### METRICS

Expand view

■ First Contentful Paint

2.4 s

■ Largest Contentful Paint

2.7 s

▲ Total Blocking Time

3,190 ms

● Cumulative Layout Shift

0.003

● Speed Index

3.3 s

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Go to Settings to activate Windows.



http://localhost:3000/



63

96

79

92

### DIAGNOSTICS

▲ Reduce JavaScript execution time — 5.2 s

▲ Minimize main-thread work — 10.5 s

▲ Properly size images — Potential savings of 90 KiB

▲ Minify CSS — Potential savings of 2 KiB

▲ Minify JavaScript — Potential savings of 5 KiB

▲ Largest Contentful Paint element — 2,670 ms

▲ Page prevented back/forward cache restoration — 4 failure reasons

■ Eliminate render-blocking resources — Potential savings of 0 ms

■ Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB

■ Reduce unused JavaScript — Potential savings of 470 KiB

■ Avoid enormous network payloads — Total size was 2,964 KiB

○ Avoid long main-thread tasks — 20 long tasks found

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Go to Settings to activate Windows.

○ Avoid long main-thread tasks — 20 long tasks found	▼
○ Initial server response time was short — Root document took 490 ms	▼
○ Minimize third-party usage — Third-party code blocked the main thread for 220 ms	▼
○ Avoid large layout shifts — 1 layout shift found	▼
○ Avoids an excessive DOM size — 255 elements	▼
○ Avoid chaining critical requests — 1 chain found	▼

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

PASSED AUDITS (21)

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## ***Passed audits (12)***

Hide

Uses HTTPS

Avoids deprecated APIs

Allows users to paste into input fields

Avoids requesting the geolocation permission on page load

Avoids requesting the notification permission on page load

Displays images with correct aspect ratio

Serves images with appropriate resolution

Has a `<meta name="viewport">` tag with `width` or `initial-scale`

Document uses legible font sizes 100% legible text

Page has the HTML doctype

Properly defines charset

No browser errors logged to the console

## ***5. Developer resources test***

Dimensions: Responsive 352 x 288 50% No throttling

Elements Console Sources Network Performance Memory Application Security Lighthouse

1 18 17

Styles Computed Layout Event Listeners

body main div.relative.h-[316px].w-full div.absolute.inset-0.flex.flex-col.items-center.justify-center.gap-4.text-center

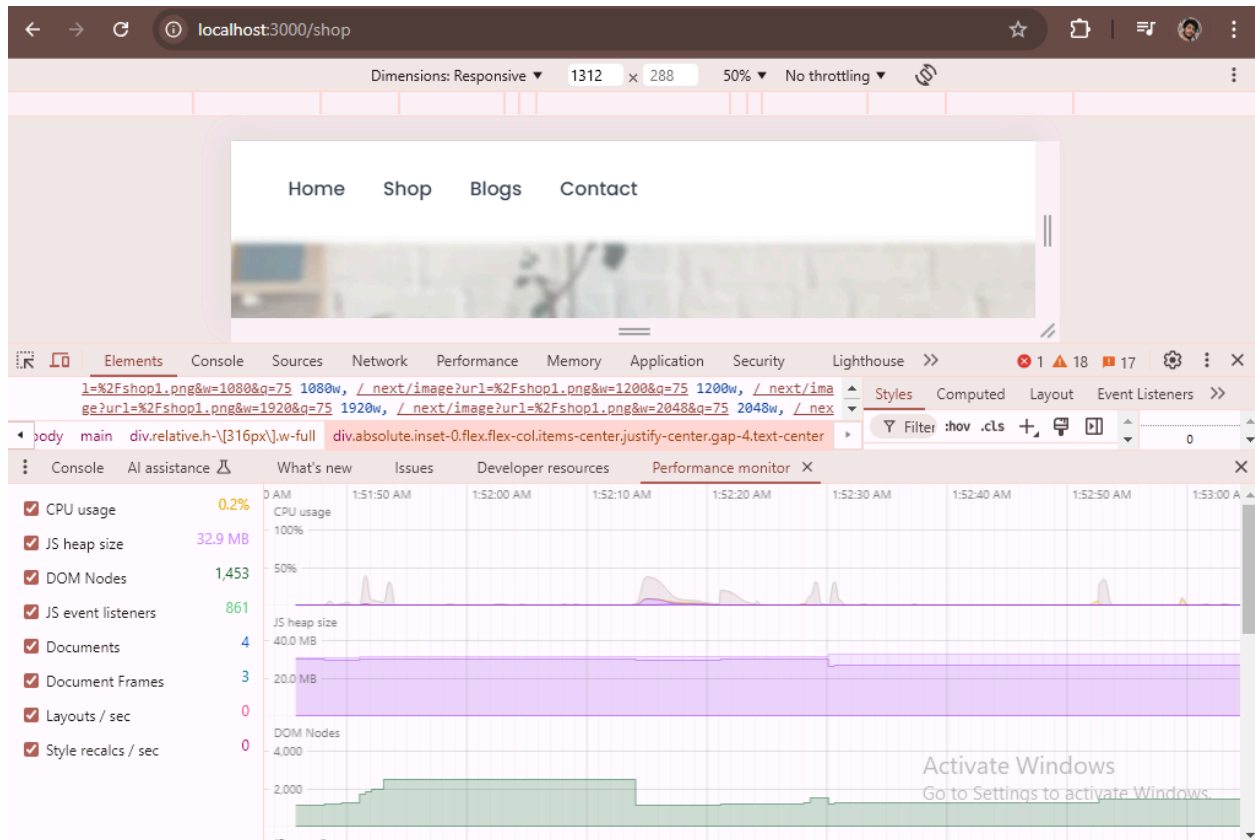
Filter by URL and error Load through website

Status	URL	Initiator	Total Bytes	Error
success	/M2QzZCjdlCjzb3VyY2VzQ29udGVudCI6WylvLyBjb21wb25lbnRzL0Nh		9 234	
success	/YmVkbmVudCI6WylvLyBjb250ZXh0L0Nhcnci		4 520	
success	/IFwiYmctdGVhbC03MdBclIA6IFwiYmctYmx1ZS02MdBcln1gft5ccbxulC/		15 942	
success	/IFwiYmctdGVhbC03MdBclIA6IFwiYmctYmx1ZS02MdBcln1gft5ccbxulC/		5 224	
success	/json;charset=utf-8;base64,eYl2ZXJzaW9uLjovLCJmaWxlIjoiaKGfWcC1wY		2 940	
success	/IGBMb3cgU3RvY2sgKCR7cHJvZHVjdC5zdG9ja0xldmVsfS8sZWZ0KWAi		31 503	
failure	chrome-extension://iidnbjdjjdkbmajdfnmidomddglmi.../executor.js.map	chrome-extension://...		System error: net:ERR_BLOCKED_BY_CLIENT

7 resources

Activate Windows  
Go to Settings to activate Windows.

## 6. Performance monitor



## 7. Testing Report

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	No issues found
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	No issues found
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	No issues found

TC005	Clerk authentication	Login and Signup	Person login or sign up correctly	Person login or sign up correctly	Passed	High	No issues found
TC006	Wishlist feature	Add item in wishlist	Item added in wishlist correctly	Item added in wishlist correctly	Passed	High	No issues found
TC007	Search Feature	Search item	Relevant item show correctly	Relevant item show correctly	Passed	High	No issues found
TC008	Filter feature	Check filter options	Item show according to fileration	Item show according to fileration	Passed	High	No issues found