# Day 5 - Testing and Backend Refinement Ecommerce website (FurniOra)

### **Functional Testing**

#### All Functional Testing test successfully

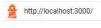
- Product listing: Ensure products are displayed correctly.
- Filters and search: Validate accurate results based on user inputs.
- Cart operations: Add, update, and remove items from the cart.
- Dynamic routing: Verify individual product detail pages load correctly.

### **Testing Tools:**

Successful API calls using Postman

```
New Collection / New Request
                                                                                            Save v
                                                                                                          Share
 GET
                https://template-0-beta.vercel.app/api/product
                                                                                                     Send
Params
        Authorization Headers (6)
                                  Body Scripts Settings
Body Cookies Headers (12) Test Results (1)
                                                            200 OK = 1.54 s = 2.32 KB = (♣ Save Response •••
{} JSON ∨ ▷ Preview ∜∂ Visualize ∨
                                                                                                 5 GQ0
   1
       I
               "id": "1",
   4
              "name": "Chair Wibe",
   5
               "imagePath": "https://plus.unsplash.com/premium_photo-1668073439372-2ceafa1222b7?q=80&w=1887&
                   auto=format&fit=crop&ixlib=rb-4.0.3&
                   ixid=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D",
   6
              "price": "1200",
               "description": "A sleek outdoor chair with natural wooden elements and a modern look.",
               "discountPercentage": 10,
   8
   9
               "isFeaturedProduct": true,
               "stockLevel": 25,
  10
  11
               "category": "Chair"
  12
  13 >
           ş ...
  23
  24 >
  34
  35 >
```

Successful testing using Lighthouse











Best Practices



Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.









## **Testing Report (CSV Format)**

Test		Test Case		Test	Expected		d /	Actual		St	Severity		Remarks		
Case		Description		Step	Re	Result		Resu	Result		Level				
ID				s					us						
T	T Verify		1. Go to the Products		cts	F	Products		Products		ts	Р	М	Se	earch
C	C product		page. 2. Enter a search			r	related			related a			е	fu	nctionality
0	0 search		term (e.g., "Chair"). 3.			t	to			to			di	w	orks as
0	0 function		Press Enter or click the			"	Chair" "			"Chair" s			u	u expected.	
1	I ality		search button.			a	are			are			m		
						showr			shown. d			d			
T	Verify		1. Go to the l	o the Products C			nly			Only			P	H	Price range
C	C price		page. 2. Select a price			products			products			a	i	filter applied	
0	) filter		range from the filter			within the			within the			s	g	correctly.	
0	functio		dropdown. 3. Click			selected			selected			s	h		
2	2 nality		Apply.			price range			price range			e			
						are shown.		١.	are shown.				d		
T	Test	est 1. Go to the Ca		rt	Message			"Your cart is		s   F	)	H C	Cart page		
C	C empt p		age. 2. Ensure	sure no 📗 "Your		cart	cart is em		pty"		a	a	i h	handles empty	
0	y cart it		ems are adde	led to empty		y"	" me		essage		5	3	g st	g state correctly.	
0	state t		ie cart. sho		shoul	nould a		app	peared.		5	}	h		
3	3		арр		appea	pear.				6	}				
										(	<u> </u>				
Т				ne Products page.			Products			Products			Р	Н	Pagination
С	C pagin		2. Navigate through			list			list changes			а	ig	works as	
0	ation	p	pagination buttons (1, 2, 3,			ch	changes			according			s	h	expected.
	[ ] ,		etc.). 3. Observe the			ac	according			to the			s		

0	navig products listed on each			to the		selected		е	
4	ation	on page.		selected		page.	-   -	d	
Т	Test	t 1. Go to the Cart page.	Product		Product was		Р	H It	em removal
C	cart	t 2. Click the delete	should be		removed from		а	i fu	unctionality
0	item	n button for a product in	removed		the cart		s	g v	orks.
0	remo	no the cart.	the cart. from t		successfully.		s	h	
5	val		cart.				е		
							d		
Т	Test	t 1. Open the website o	1. Open the website on a			Layout	Р	М	Mobile
C	respon	pon   mobile device. 2. Navi	mobile device. 2. Navigate to			adapted	а	е	responsivene
0	sivenes	enes 🛘 various pages (Home,	various pages (Home,			to mobile	s	d	ss confirmed.
0	s on	n Products, Cart). 3. En	Products, Cart). 3. Ensure			screen	s	i	
6	mobile	bile layout adjusts approp	layout adjusts appropriately.		en	size	е	u	
						correctly.	d	m	
Т	Test	t 1. Add items to the car	1. Add items to the cart. 2.		out	Checkout	t F	P M	Button
С	checko	cko Go to the Cart page. 3	Go to the Cart page. 3.			button	a	ае	visibility
0	ut	Check if the checkout	Check if the checkout		be	visible	5	s di	confirmed.
0	button	ton button is visible and	button is visible and		and	and	5	s u	
8	visibilit	bilit functional.	functional.		ole.	clickable	.   6	e m	
	у						(	k	