

Day 5 - Testing and Backend Refinement E-commerce website (FurniOra)

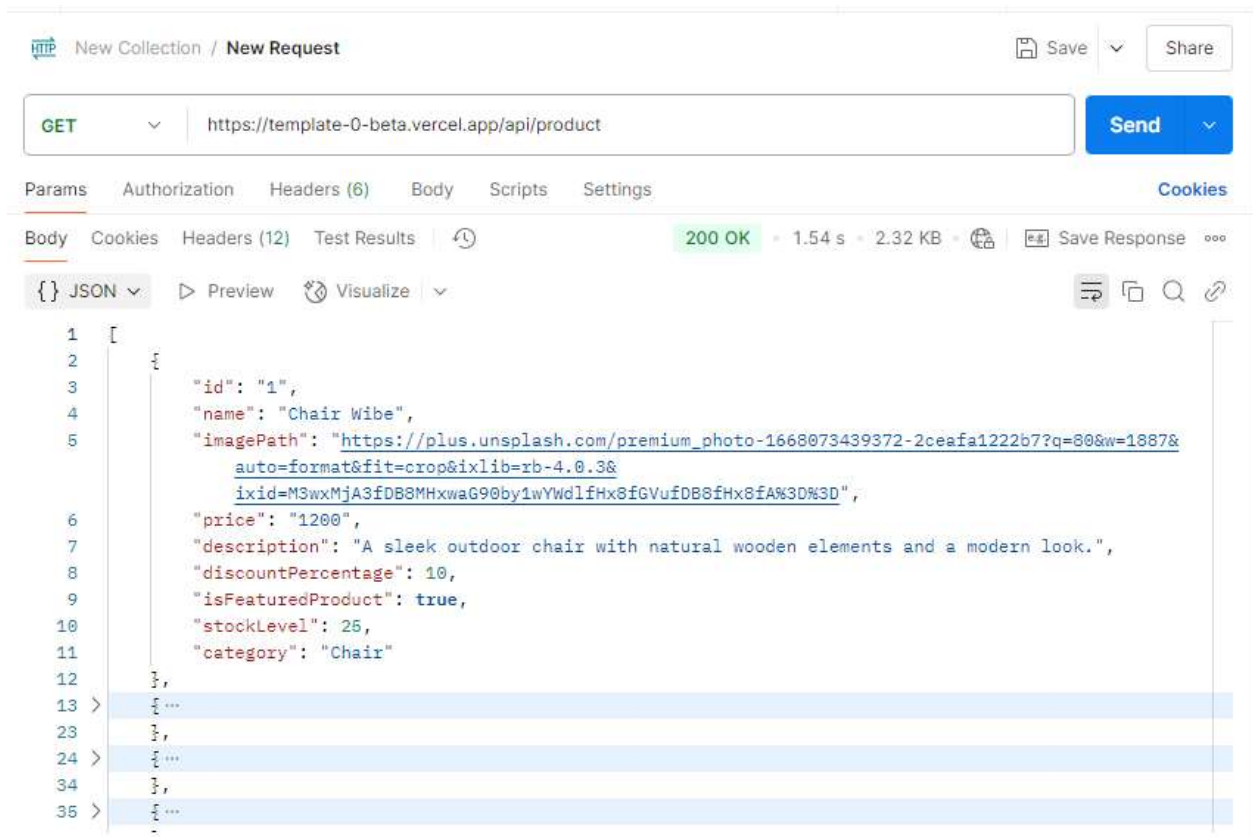
Functional Testing

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



- Successful testing using Lighthouse



Performance

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

▲ 0-49 ■ 50-89 ● 90-100



Testing Report (CSV Format)

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Remarks
T0001	Verify product search functionality	1. Go to the Products page. 2. Enter a search term (e.g., "Chair"). 3. Press Enter or click the search button.	Products related to "Chair" are shown.	Products related to "Chair" are shown.	Passed	Medium	Search functionality works as expected.
T0002	Verify price filter functionality	1. Go to the Products page. 2. Select a price range from the filter dropdown. 3. Click Apply.	Only products within the selected price range are shown.	Only products within the selected price range are shown.	Passed	High	Price range filter applied correctly.
T0003	Test empty cart state	1. Go to the Cart page. 2. Ensure no items are added to the cart.	Message "Your cart is empty" should appear.	"Your cart is empty" message appeared.	Passed	High	Cart page handles empty state correctly.
T0004	Test pagination	1. Go to the Products page. 2. Navigate through pagination buttons (1, 2, 3, etc.). 3. Observe the	Products list changes according	Products list changes according to the	Passed	High	Pagination works as expected.

04	navig ation	products listed on each page.	to the selected page.	selected page.	e d		
T C 0 0 5	Test cart item remo val	1. Go to the Cart page. 2. Click the delete button for a product in the cart.	Product should be removed from the cart.	Product was removed from the cart successfully.	P a s s e d	H i s h	Item removal functionality works.
T C 0 0 6	Test respon siveness on mobile	1. Open the website on a mobile device. 2. Navigate to various pages (Home, Products, Cart). 3. Ensure layout adjusts appropriately.	Layout should adapt to mobile screen size.	Layout adapted to mobile screen size correctly.	P a s s e d	M e s i u m	Mobile responsivene ss confirmed.
T C 0 0 8	Test checko ut button visibilit y	1. Add items to the cart. 2. Go to the Cart page. 3. Check if the checkout button is visible and functional.	Checkout button should be visible and clickable.	Checkout button visible and clickable.	P a s s e d	M e s u m	Button visibility confirmed.