

Testing, Error Handling And Backend Integration Refinement

Day : 05

Key Areas of Focus:

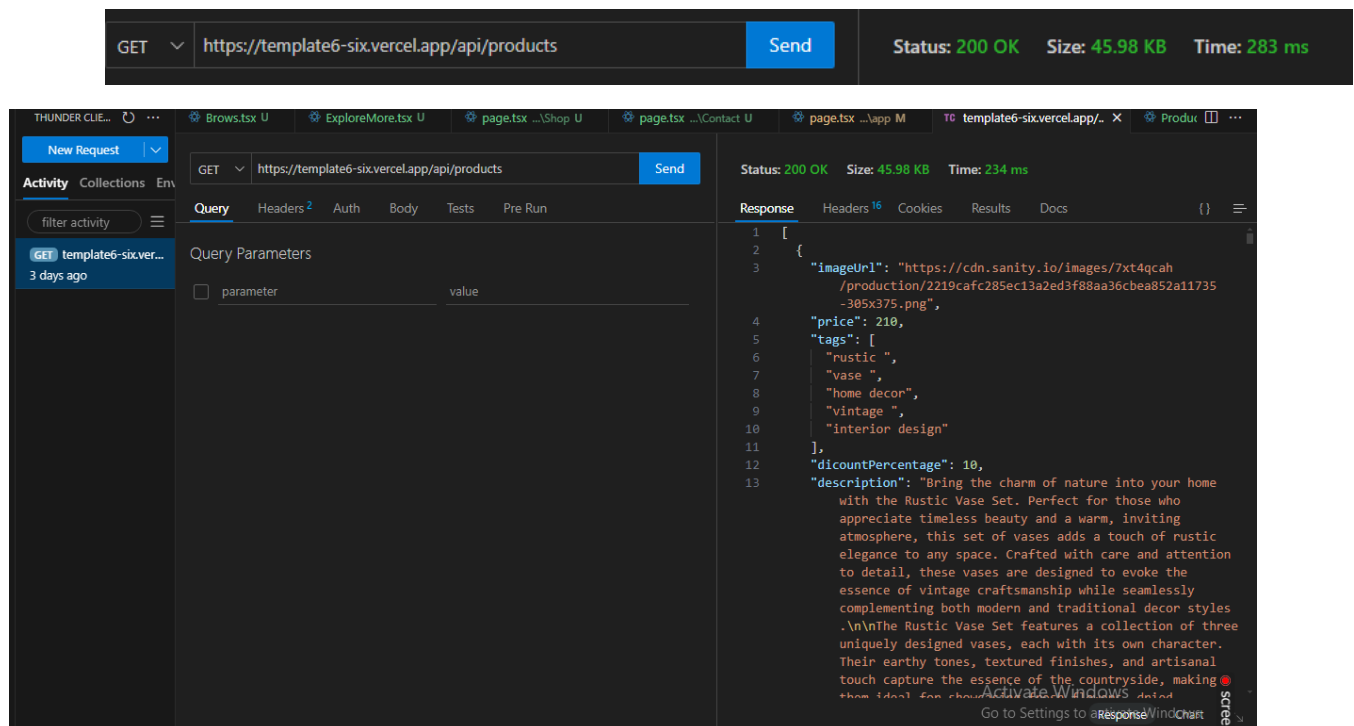
1- Functional Testing:

- **Test Core Features:**

- **Product Listing:** All products are correctly displayed with accurate details, images, and prices.
- **Cart Functionality:** Products can be successfully added, updated, and removed from the cart.
- **Dynamic Route:** All dynamically generated pages load correctly.

- **Testing Tools:**

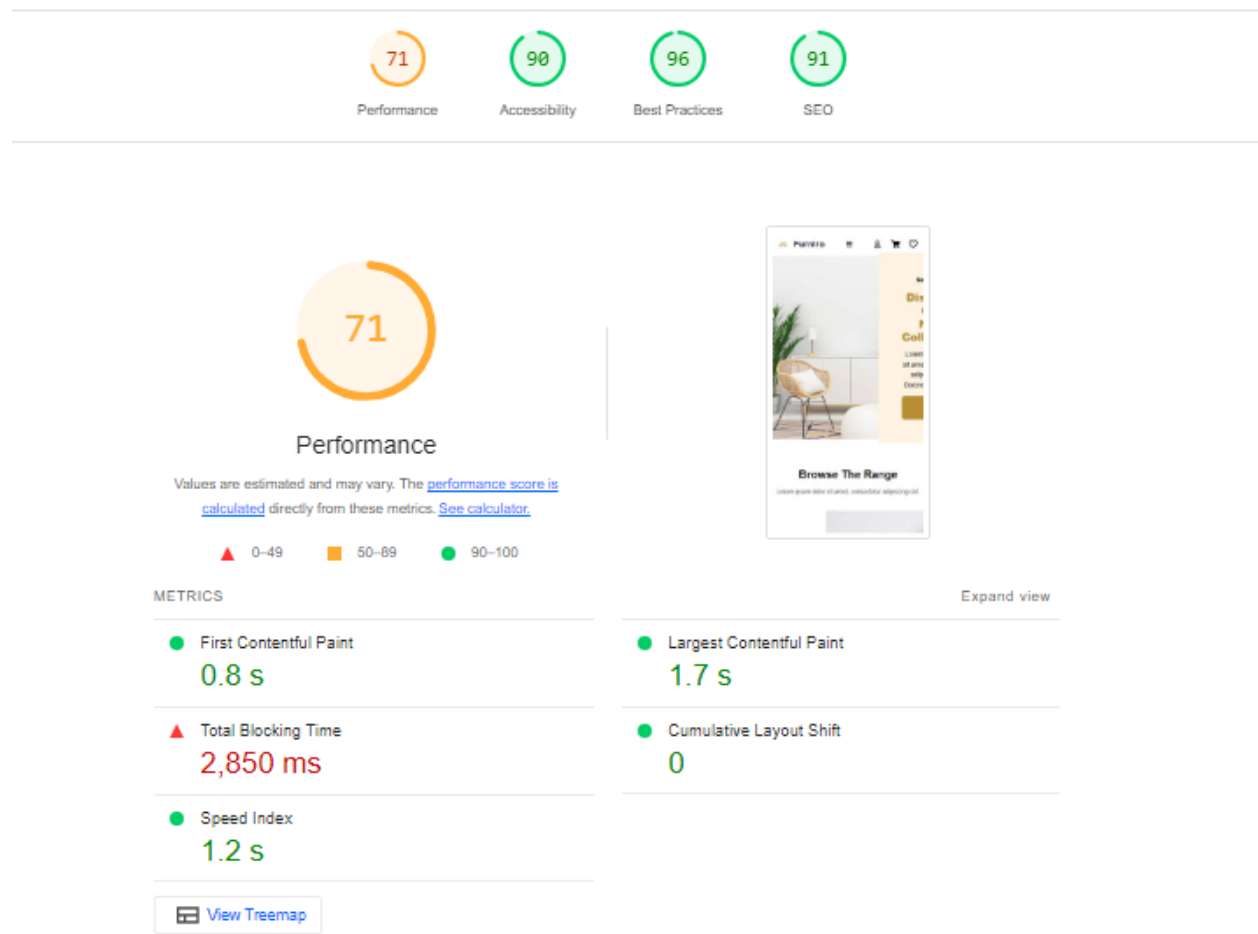
- **Postman:**



2-Error Handling:

Error handling ensures smooth user experience by gracefully managing unexpected issues. It prevents crashes, displays clear error messages, and provides fallback mechanisms for failed operations. Proper handling of invalid inputs, API failures, and broken routes enhances system stability and reliability.

3-Analyze Performance:




4-Test Case ID:

- TC001:

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found

		>Verify products						
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Nordic Elegance

\$280

Elevate your space with Nordic Elegance—a collection that brings the minimalist beauty and understated...

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Modern Serenity

\$480

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

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Timber Craft


\$320

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and t...

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● TC002:

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC002	Check Cart Functionality	Add product to cart >Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected



Serene Seat

♥️ 🛒

- 14 +

\$4900.00

Cart Summary

Subtotal: \$4900.00

Delivery Charges: \$100.00

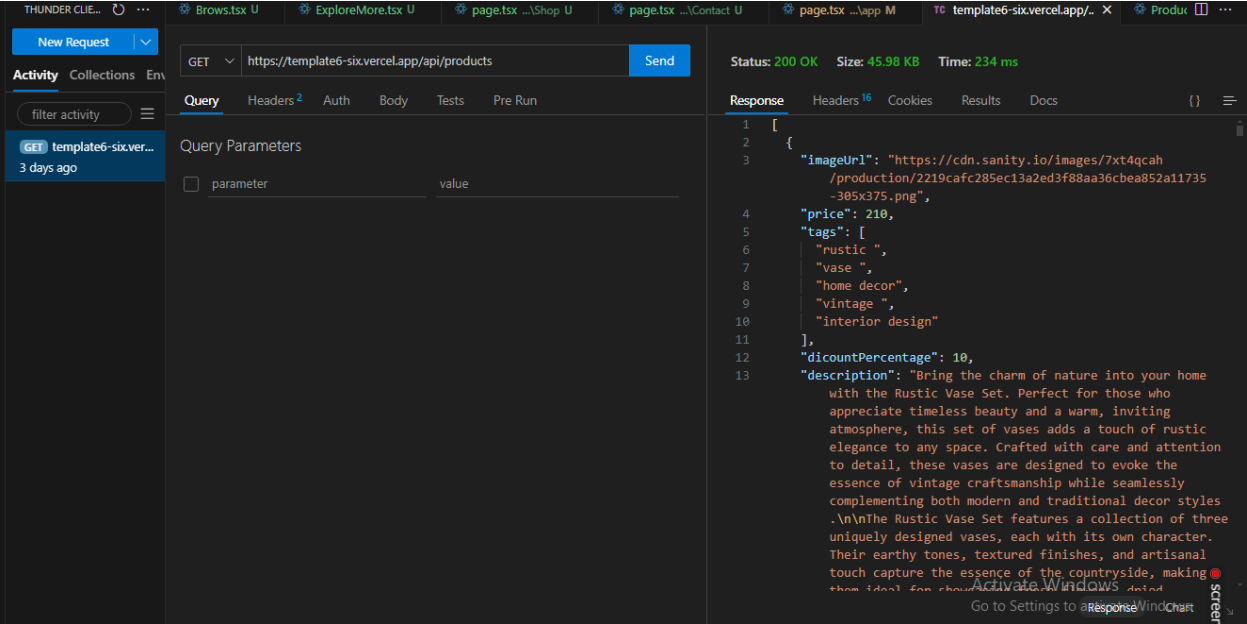
Total: \$5000.00

[Proceed to Checkout](#)

● TC003:

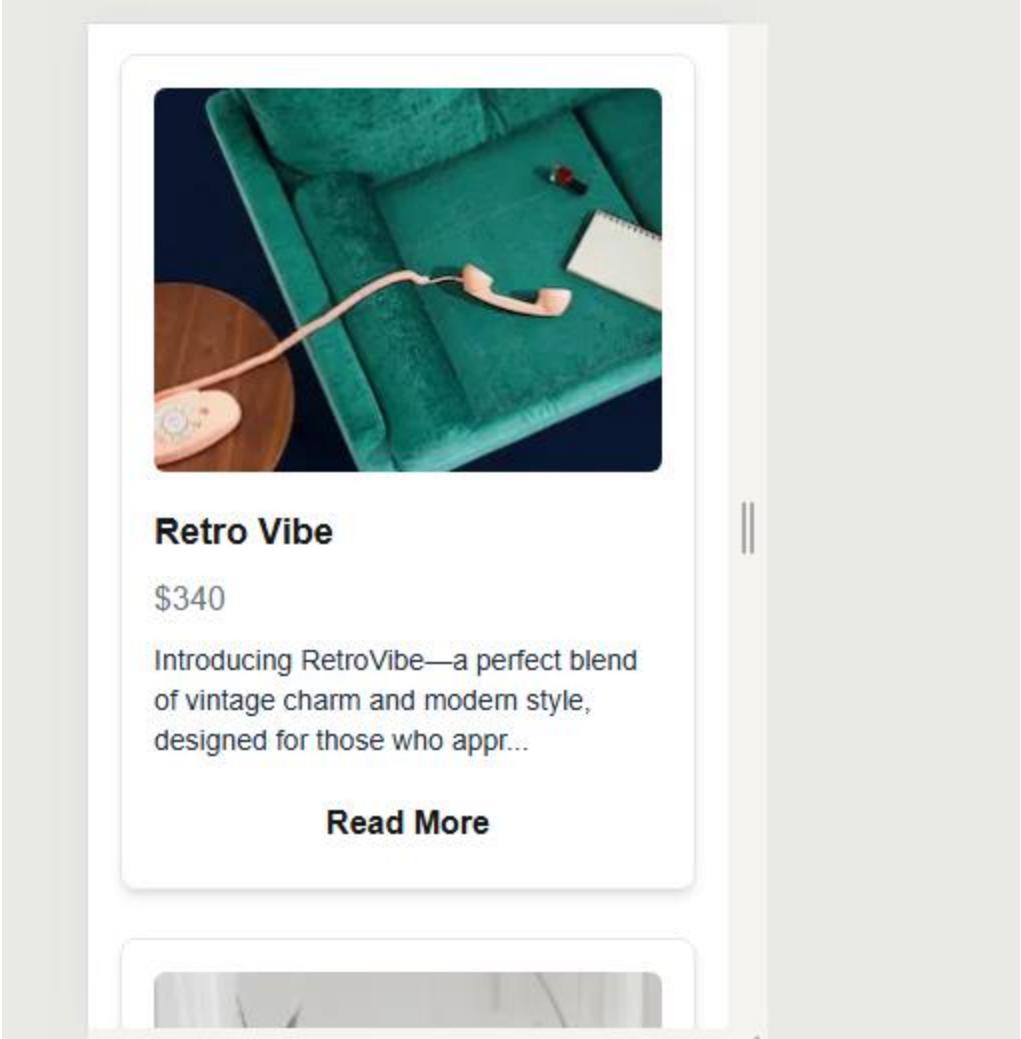
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
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TC003	Test API error handling	Disconnect API >Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
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● TC004:

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



Final List:

<u>Functional Testing</u>	<u>Error Handling</u>	<u>Performance Optimization</u>	<u>Cross-Browser and Device Testing</u>	<u>Security Testing</u>	<u>Documentation</u>	<u>Final Review</u>
✓	✓	✓	✓	✓	✓	✓