

# *Furniture Marketplace E-commerce Website*

## Project Overview:

This document ensures that the website functions smoothly and provides a seamless user experience. Verifies that the system gracefully handles issues like invalid search queries, failed transactions, or missing product information. It ensures users receive clear feedback without disruptions. The goal is enhance the user experience by preventing disruption due to technical errors.

## Day 5 - Testing Error Handling and Backend Integration for a Furniture Website:

### **Functional Testing**

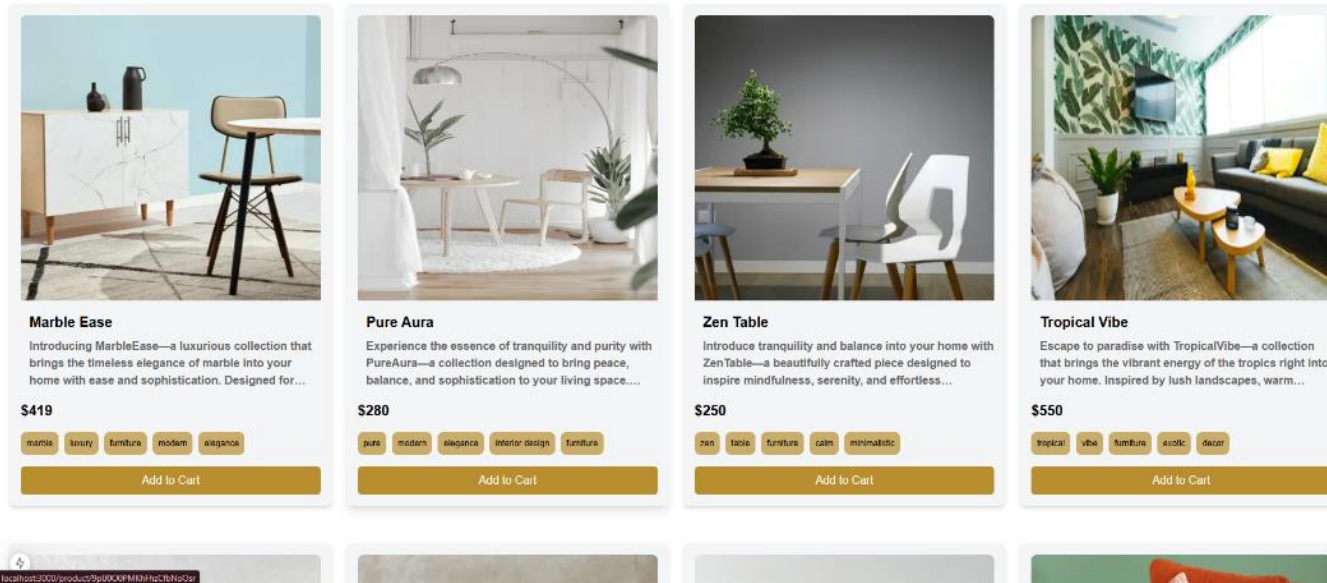
#### *PRODUCT LISTING:(TC001)*

Verifying that the product listing page displays products correctly and its properly populated with data.

**1:** Navigation to the product page.

**2:** Verifying that the all products are displayed with the correct names, images and prices.

## Our Products



## PRODUCT DETAIL PAGE :(TC002)

We ensure that each product detail page displays loads correctly and the right information

- 1: Click on a product from the listing page to open its detail page.
- 2: Ensure the page loads correctly with accurate details(names, images and prices).
- 3: Verifying the “Add to Cart” button correctly adds product to card .



### Pure Aura

\$280

★★★★★ | 5 Customer Review

Experience the essence of tranquility and purity with PureAura—a collection designed to bring peace, balance, and sophistication to your living space. Inspired by the clarity of nature and the calm of serene environments, PureAura transforms any room into a haven of peaceful elegance, creating an atmosphere that invites relaxation and mindfulness. Each piece in the PureAura collection is thoughtfully crafted with an emphasis on minimalism and clean design, allowing you to create a calm, clutter-free environment. The collection features soft, neutral tones, gentle textures, and natural materials, all chosen to enhance the serenity and flow of your home. Whether you're furnishing your living room, bedroom, or meditation space, PureAura offers a subtle yet powerful presence that promotes well-being and inner peace. Crafted from high-quality materials, every item in the PureAura collection is designed for both beauty and durability. From soothing furniture to delicate decorative accents, PureAura creates a harmonious balance between style and simplicity, making it the perfect choice for anyone who values a peaceful, refined space. Key Features: Minimalist design with soft, neutral tones for a calming atmosphere. Crafted from natural materials that enhance the sense of tranquility. High-quality craftsmanship for lasting beauty and durability. Perfect for creating a peaceful, serene home environment. Ideal for meditation rooms, bedrooms, or any space that requires relaxation and balance. Elevate your home with PureAura—where simplicity meets elegance, creating an atmosphere of calm, clarity, and pure serenity. Let your space reflect the tranquility and balance that you deserve.

pure modern elegance interior design furniture

Size

L XL XS

Color

purple black gold









1

Add To Cart

+ Compare

## CART OPERATIONS: :(TC003)

Verifying that the correct behavior of the shopping cart when adding removing and updating cart items and also product total amounts.

Product	Price	Quantity	Subtotal	
	Zen Table	Rs. 250	1	Rs. 250 
	Tropical Vibe	Rs. 550	1	Rs. 550 
	Sunny Chic	Rs. 400	1	Rs. 400 
	Bright Space	Rs. 180	1	Rs. 180 

### Cart Totals

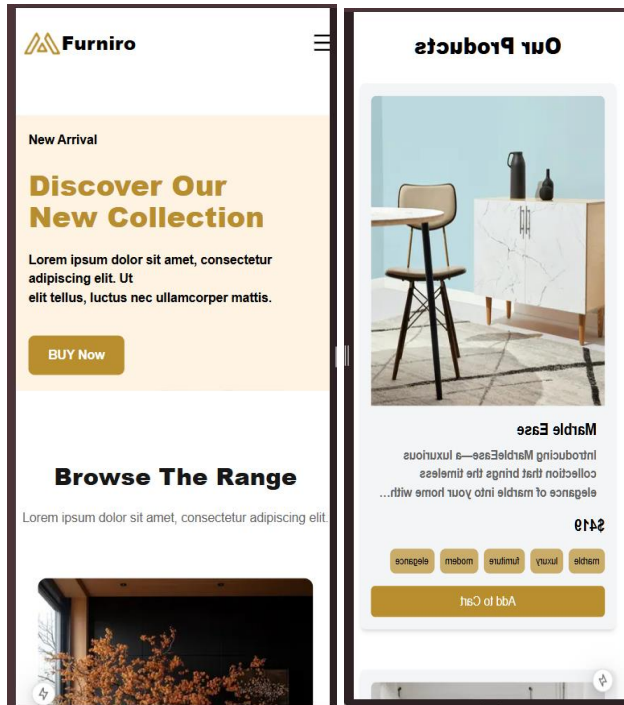
Subtotal Rs. 1,380

Total **Rs. 1,380**

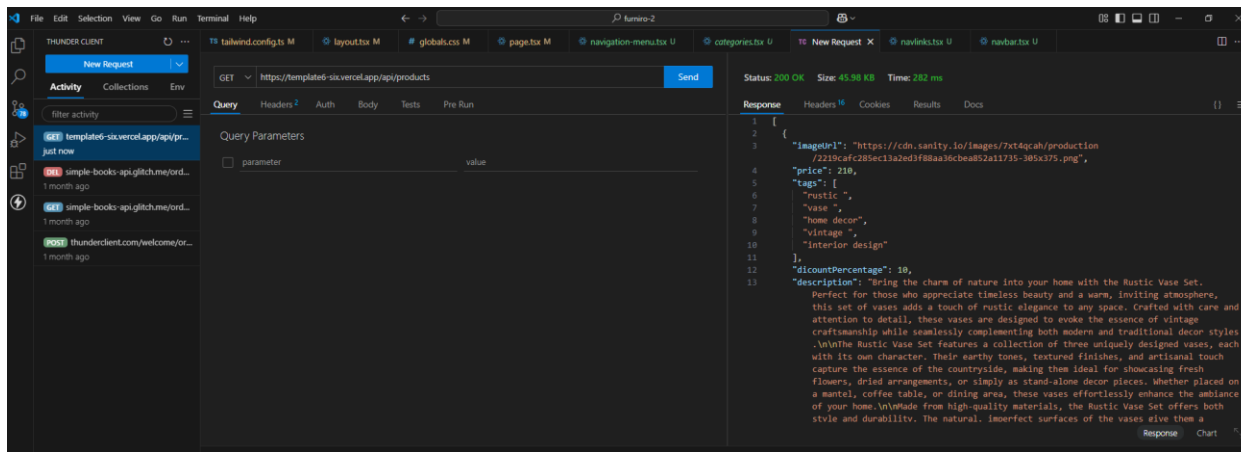
Check Out

## *Device Responsiveness :(TC004)*

**No issue** All components render correctly across all devices including mobile and tablet



## *Tested API with Thunder client:(TC004)*



## .Error Handling

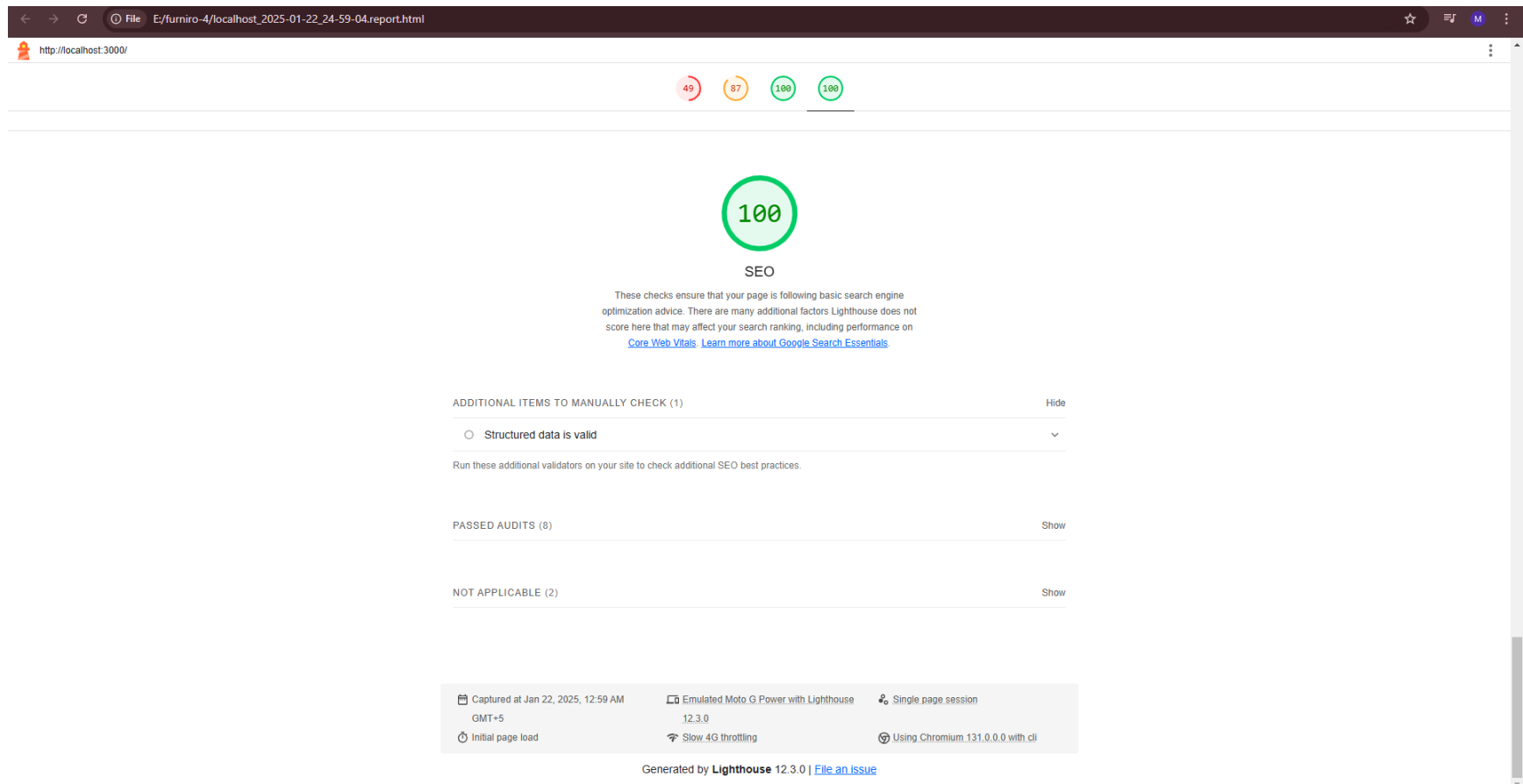
**No issue :Error handling** All Api errors are handles gracefully with clear fallback messages for use Added try catch blocks to handle API errors gracefully and display clear ,user friendly fallback messages

## Cross-browser Compatibility

**No issue :** consistent functionality and design across Chrome, Edge, and other tested browser

# SEO:

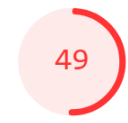
## Checking with Lighthouse





There were issues affecting this run of Lighthouse:

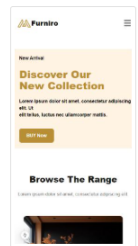
- The tested device appears to have a slower CPU than Lighthouse expects. This can negatively affect your performance score. Learn more about [calibrating an appropriate CPU slowdown multiplier](#).



## Performance

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

▲ 0-49   ■ 50-89   ● 90-100



### METRICS

[Expand view](#)

● First Contentful Paint	1.1 s
▲ Total Blocking Time	1,480 ms
● Speed Index	1.8 s

▲ Largest Contentful Paint	10.3 s
● Cumulative Layout Shift	0

[View Treemap](#)



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

### CONTRAST

- ▲ Background and foreground colors do not have a sufficient contrast ratio. ▾

These are opportunities to improve the legibility of your content.

### TABLES AND LISTS

- ▲ Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`). ▾
- ▲ List items (`<li>`) are not contained within `<ul>`, `<ol>` or `<menu>` parent elements. ▾

These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

### NAMES AND LABELS

- ▲ Image elements have `[alt]` attributes that are redundant text. ▾

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive





Best Practices

TRUST AND SAFETY

- ☐ Ensure CSP is effective against XSS attacks ▾
- ☐ Use a strong HSTS policy ▾
- ☐ Ensure proper origin isolation with COOP ▾

GENERAL

- ▲ Missing source maps for large first-party JavaScript ▾

PASSED AUDITS (14) [Show](#)

NOT APPLICABLE (2) [Show](#)



