AZRA TALIB MY WEBSITE IS ABOUT FURNITURE

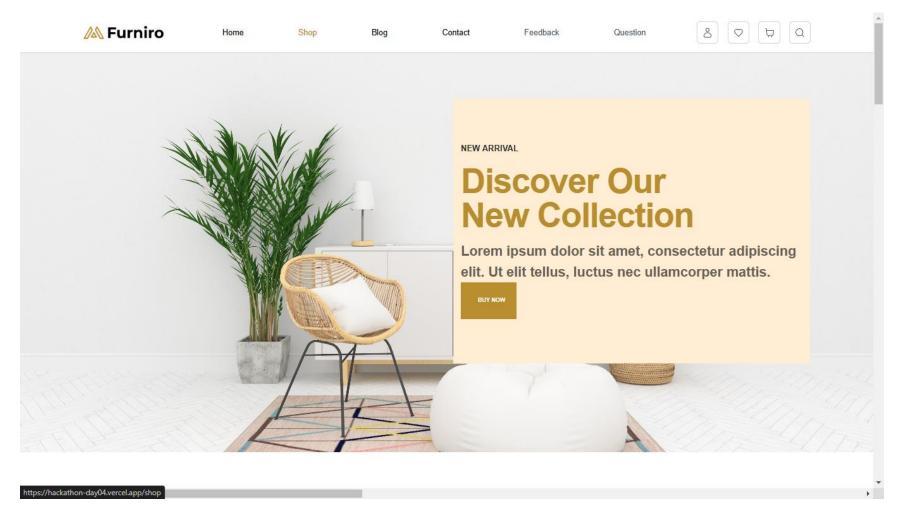
DAY 5: TESTING AND BACKEND REFINEMENT

Prepared by: Azra Talib

Functional Deliverables

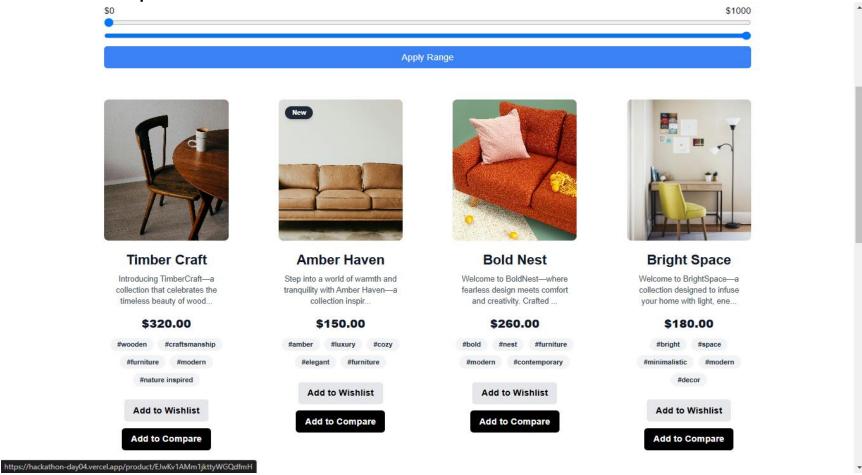
Homepage

- The homepage is the main entry point for users.
- . It provides a simple and easy-to-use interface..



Shop Page

The first component to showcase is the *Shop Page*, where all the products are listed. This page will be captured in a screenshot, showing the various products available for users to browse.



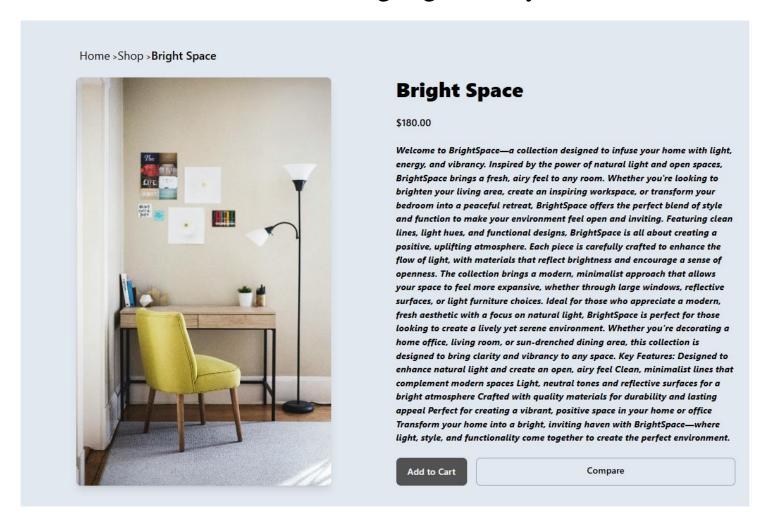
Wishlist Functionality

- Users can add products to their wishlist by clicking "Add to Wishlist."
- . A screenshot will confirm that the product was added.

Your Wishlist Amber Haven **Modern Serenity** Zen Table Step into a world of warmth and tranquility with Amber Haven—a collection inspired by the golden glow and timeless beauty of amber. This sophisticated line combines the scothing huse of amber with elegant, contemporary design to create a space that feels both welcoming and luxurious. Ideal for those seeking a serene escape, Amber Haven infuses your home with a sense of calm, warmth, and understated elegance. Crafted with high-quality materials and a keen eye for detail, each piece in the Amber Haven collection is designed to evoke feelings of comfort and relaxation. The soft, amber-toned accents, paired with sleek lines and refined craftsmanship, bring a touch of nature's beauty into your home. Whether you're furnishing your living room, bedroom, or dining space, Amber Haven creates an inviting atmosphere that radiates peace and sophistication. The collection's warmth and versatility allow it to seamlessly integrate into various décor styles, from modern to traditional, making it a perfect choice for those who love both timeless elegance and contemporary lair. Amber Haven offers a sanctuary of comfort and luxury, where every piece is designed to enhance your home and your well-being. Introduce tranquility and balance into your home with ZenTable—a beautifully crafted piece designed to inspire mindfulness, serenity, and efforfless elegance. Inspired by the peaceful aesthetics of Zen design, this table serves as a functional centerpiece while fostering a calm, meditative atmosphere in any room. Perfect for modern homes or spaces dedicated to relaxation, ZenTable brings a sense of harmony and simplicity that enhances your daily life. Crafted with clean lines, natural materials, and subtle detailing, ZenTable captures the essence of minimalist beauty. Its simple yet striking design allows the sensence of minimalist beauty. Its simple yet striking design allows Introducing ModernSerenity—a collection that redefines contemporary living by combining tranquility and style in perfect harmony. Designed for those who seek balance, simplicity, and elegance, ModernSerenity transforms any space into a peaceful retreat, offering a serene atmosphere that promotes relaxation and well-being. The essence of ModernSerenity lies in its minimalist approach, where clean lines, neutral tones, and soothing textures create an environment that invites calmness and clarity. Whether varies from the purpose of office age hises in create an environment that invites calmness and clarity. Whether you're furnishing your living room, bedroom, or office, each piece in the Modern Serenity collection is designed to elevate your space while maintaining an effortless, uncluttered aesthetic. Crafted with the finest materials. Modern Serenity products are built to last and are designed with both beauty and practicality in mind. From soft, inviting fabrics to sleek, functional shapes, every detail has been thoughtfully considered to enhance your lifestyle. With a focus on smart design, Modern Serenity delivers a timeless sense of peace and elegance, making it the ideal choice for anyone looking to greate a the essence of minimalist beauty. Its simple yet striking design allows it to seamlessly integrate into a variety of interiors, whether placed in the living room, office, or meditation space. The ZenTable is built with both form and function in mind—offering a sturdy, durable surface white maintaining an elegant and soothing appearance. Whether used as a offee table, a focal point in your meditation room, or a sleek accent in your living space, ZenTable encourages a peaceful, balanced environment. Its understated design creates an inviting strategicher where you are affect in priviled. atmosphere where you can reflect, unwind, and enjoy life's simpler making it the ideal choice for anyone looking to create a every piece is designed to enhance your home and your well-being. Key Features: Warm amber tones and elegant design create a cozy, sophisticated, serene home. Key Features: Sleek, minimalist design moments. Key Features: Minimalist, Zen-inspired design that fosters for a calm and tranquil environment High-quality materials for peace and tranquility Crafted from high-quality natural materials for rely resources: warm amore rones and elegant design create a cozy inviting ambiance High-qualify craftsmanship and materials ensure durability and long-lasting appeal Versatile style complements a variety of interior designs, from modern to traditional Perfect for creating a serene and luxurious space in any norm Ideal for those seeking a combination of beauty, comfort, and sophistication Bring the golden glow of Amber Haven into your home—where warmth, house, and implies federin come homehor to greate a passedial and peace and transpulling Cratted from high-quality hatural materials for durability and elegance Simple, clean lines that complement modern and traditional interiors Versatile use in living rooms, offices, or meditation spaces Encourages balance and serenity, perfect for mindfulness practices Create a calming and harmonious space with ZenTable—where design meets tranquility, making every moment of your day more peaceful and centered. durability and comfort Neutral tones and soft textures that durability and comfort Neutral tones and soft textures that complement any deore Prefect for creating a serene, modern living space Ideal for individuals seeking balance and relaxation in their home or office Transform your space with ModernSerenity—where contemporary design meets peaceful living. Create a home that reflects your sense of style and inner calm. luxury, and timeless design come together to create a peaceful and elegant retreat.

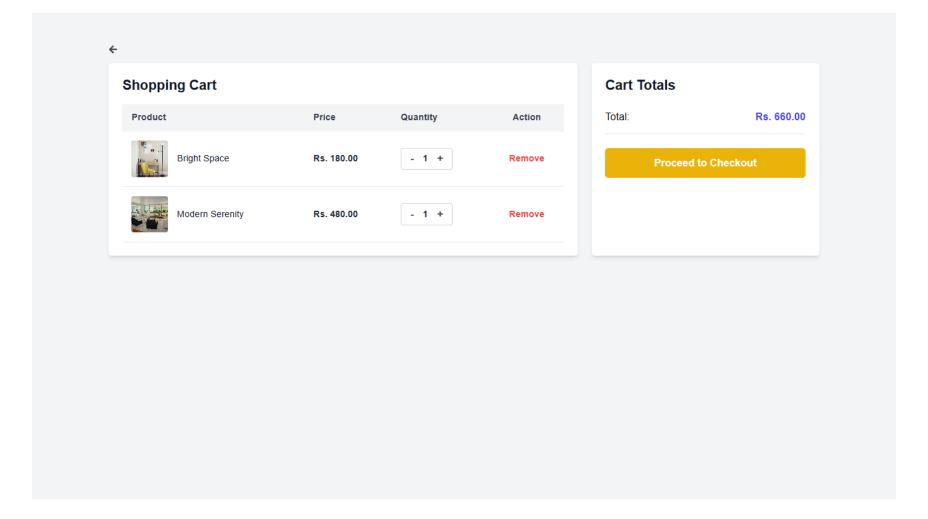
Dynamic Product Pages

- Clicking on a product will open a detailed product page.
- It will display the product description, specifications, and images.
- . A screenshot will be taken to highlight the dynamic content.



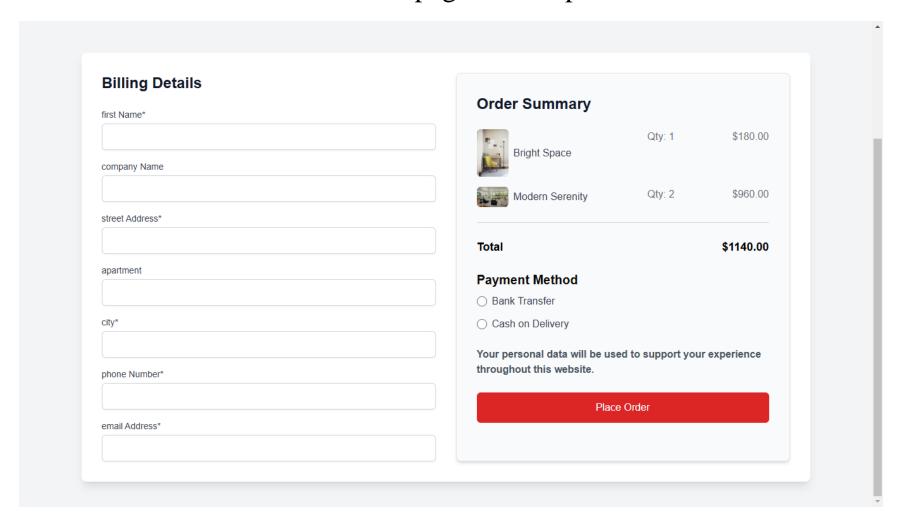
Add to Cart Functionality

- Users can add products to their cart by clicking "Add to Cart."
- A notification will confirm the product was added.
- Clicking "View Cart" will take the user to the cart page.
- A screenshot of the cart page will be included.



Checkout Process

- Users can click "Proceed to Checkout" to move to the checkout page.
- . The page will show the order summary and payment options.
- A screenshot of the checkout page will be provided.



Testing Website Performance, Accessibility, and SEO

- Used Lighthouse to test website performance.
- The test confirmed that the application meets expectations.

Testing Logs

- Screenshots and recordings were taken to verify testing.
- Reports from Lighthouse and Postman confirm performance and functionality.

Testing Report (CSV Format)

The report includes the following details:

- Test Case ID: Unique identifier for each test case.
- **Description:** What is being tested.
- . Steps: How to perform the test.
- . Expected Result: What should happen.
- . Actual Result: What actually happened.
- . Status: Passed, Failed, or Skipped.
- . Severity Level: High, Medium, or Low.
- Assigned To: Person responsible for fixing issues.
- . Remarks: Additional comments.

Test Cases Executed and Results

A list of all executed test cases is documented with their results.

Example Test Case:

- Test: Check if a product is added to the cart correctly.
- **Result:** Passed Product was added with correct details.

Performance Optimization Steps Taken

Optimized Image Loading

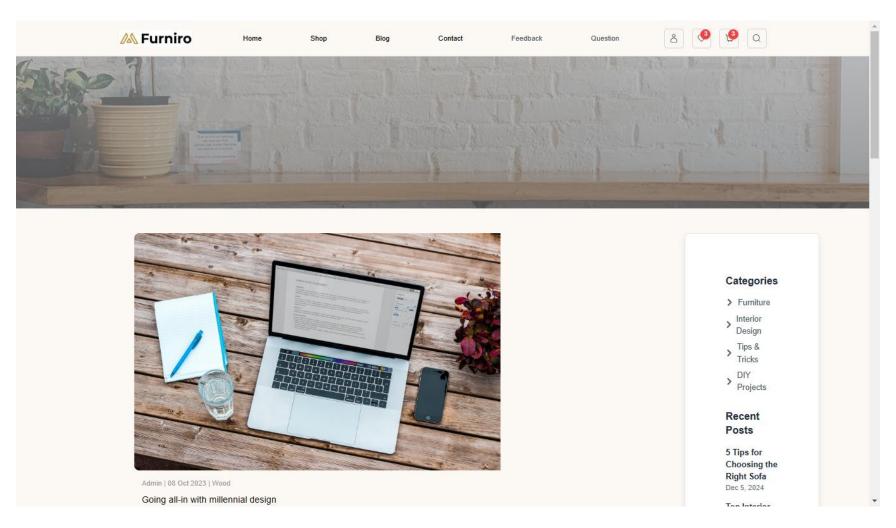
• Implemented lazy loading to improve page speed.

Other Improvements

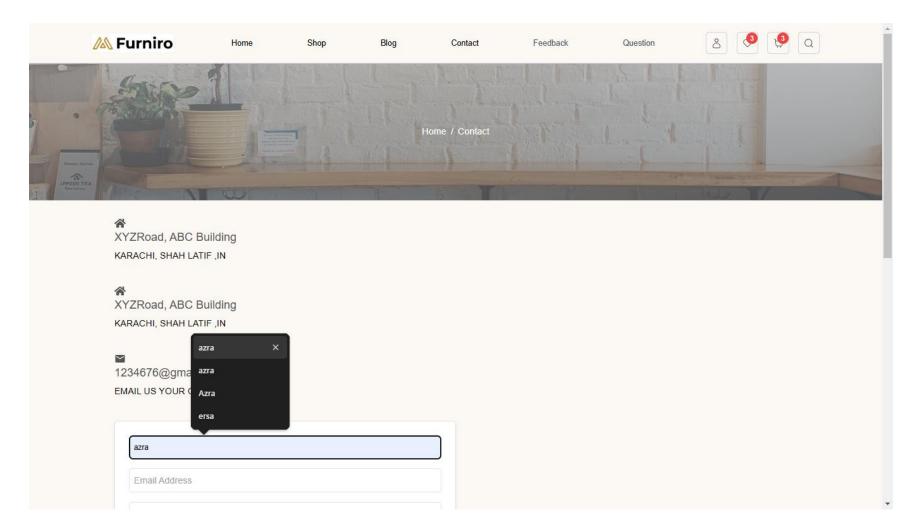
- . Improved API response times.
- Reduced JavaScript delays for better performance.

This document ensures that all features were tested, confirming that the application works as expected.

BLOG PAGE

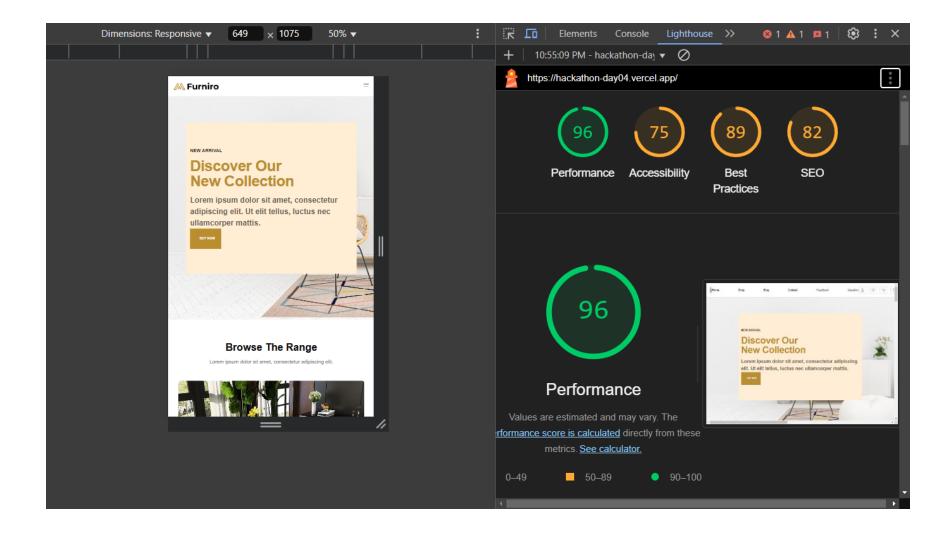


CONTACT PAGE



TESTING WEBSITES PERFORMANCE, ACCESSIBILITY AND SEO

To the performance of deployed application. I used lighthouse for testing my application and the test confirm the application performance meets performance expectations.



Github Repository

https://github.com/Azratalib123/Hackathon-Day04