



AZRA TALIB

MY WEBSITE IS ABOUT FURNITURE

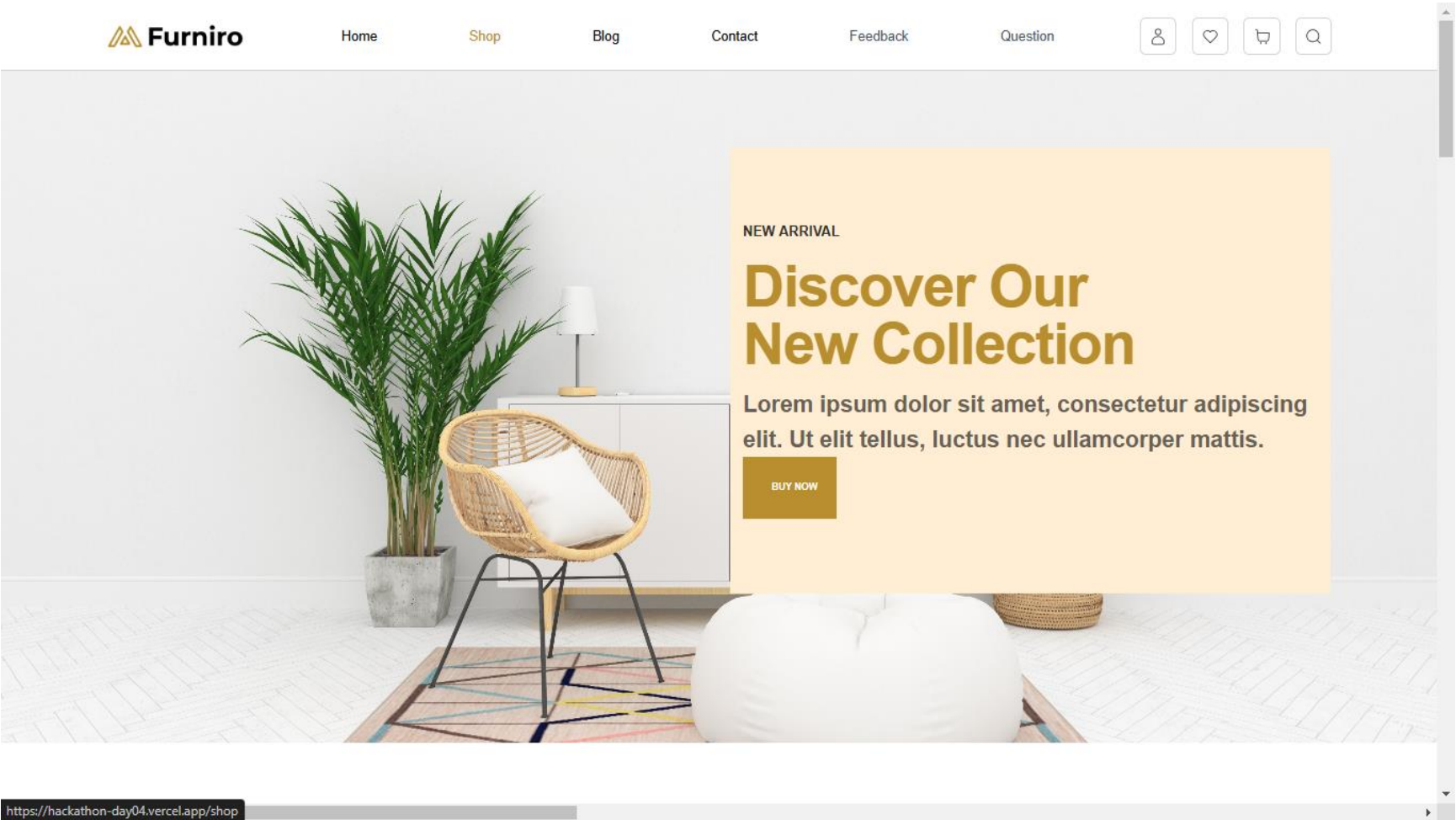
# DAY 5: TESTING AND BACKEND REFINEMENT

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## Functional Deliverables

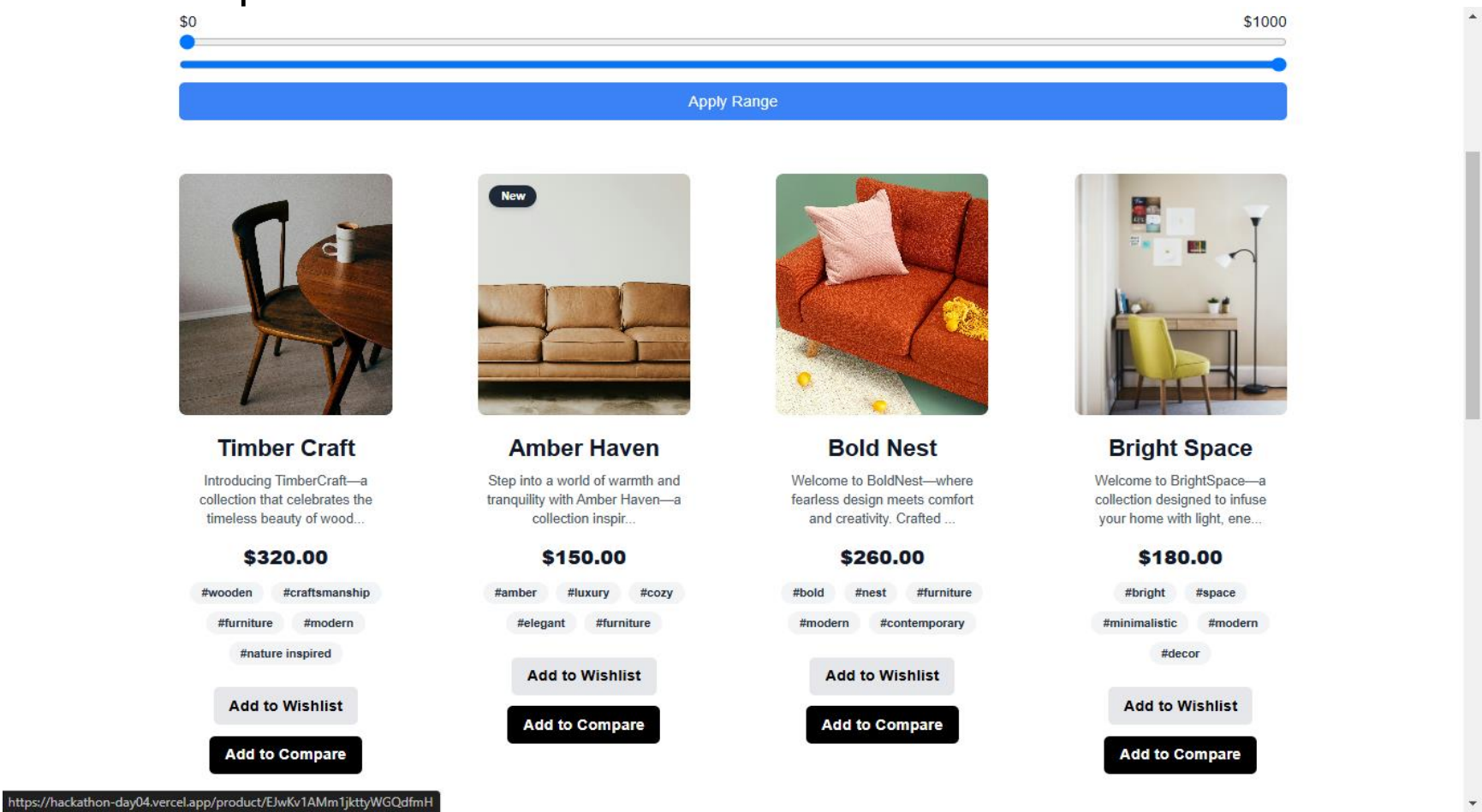
### Homepage

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



### Shop Page

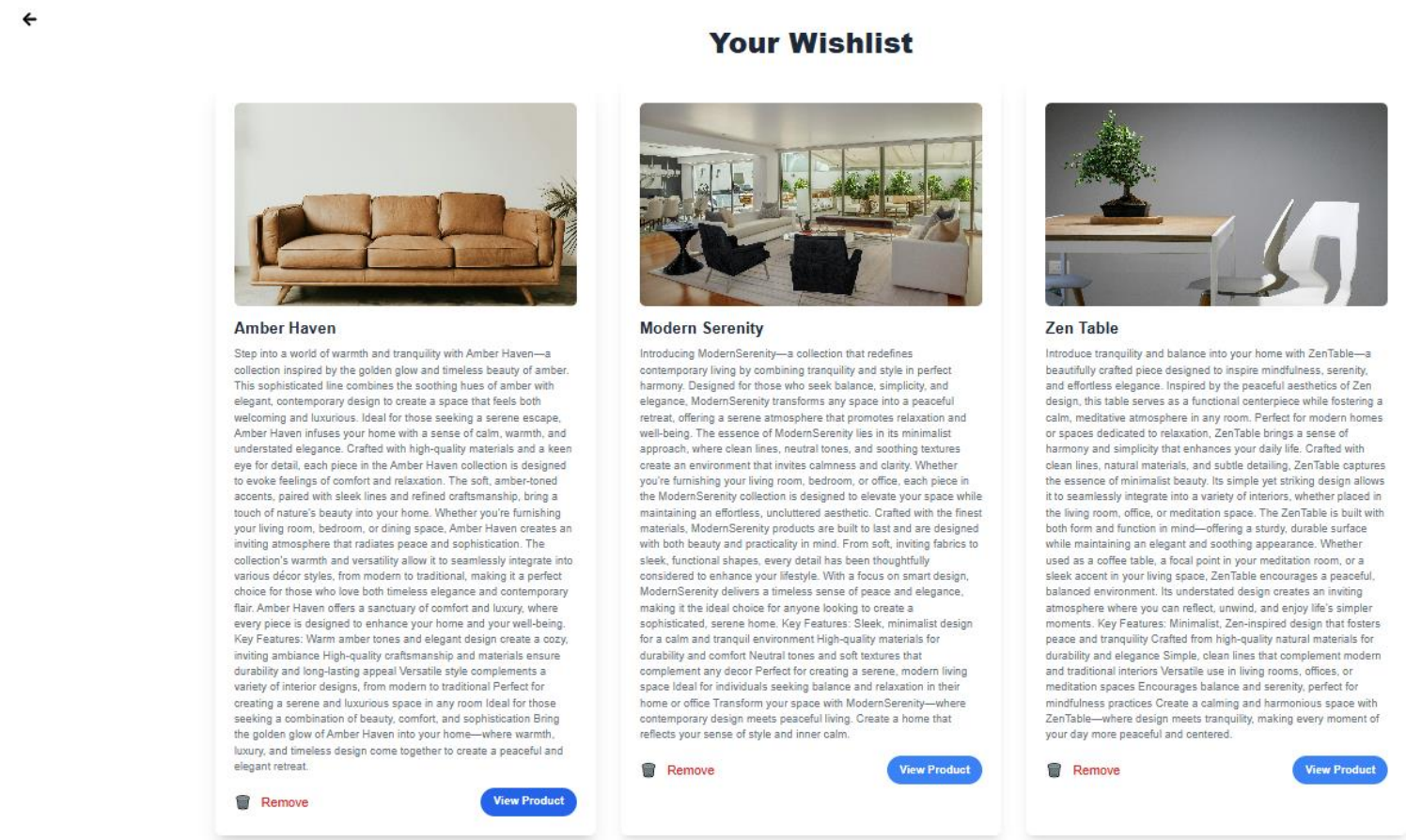
The first component to showcase is the *Shop Page*, where all the products are listed. This page will be captured in a screenshot, showing the various products available for users to browse.





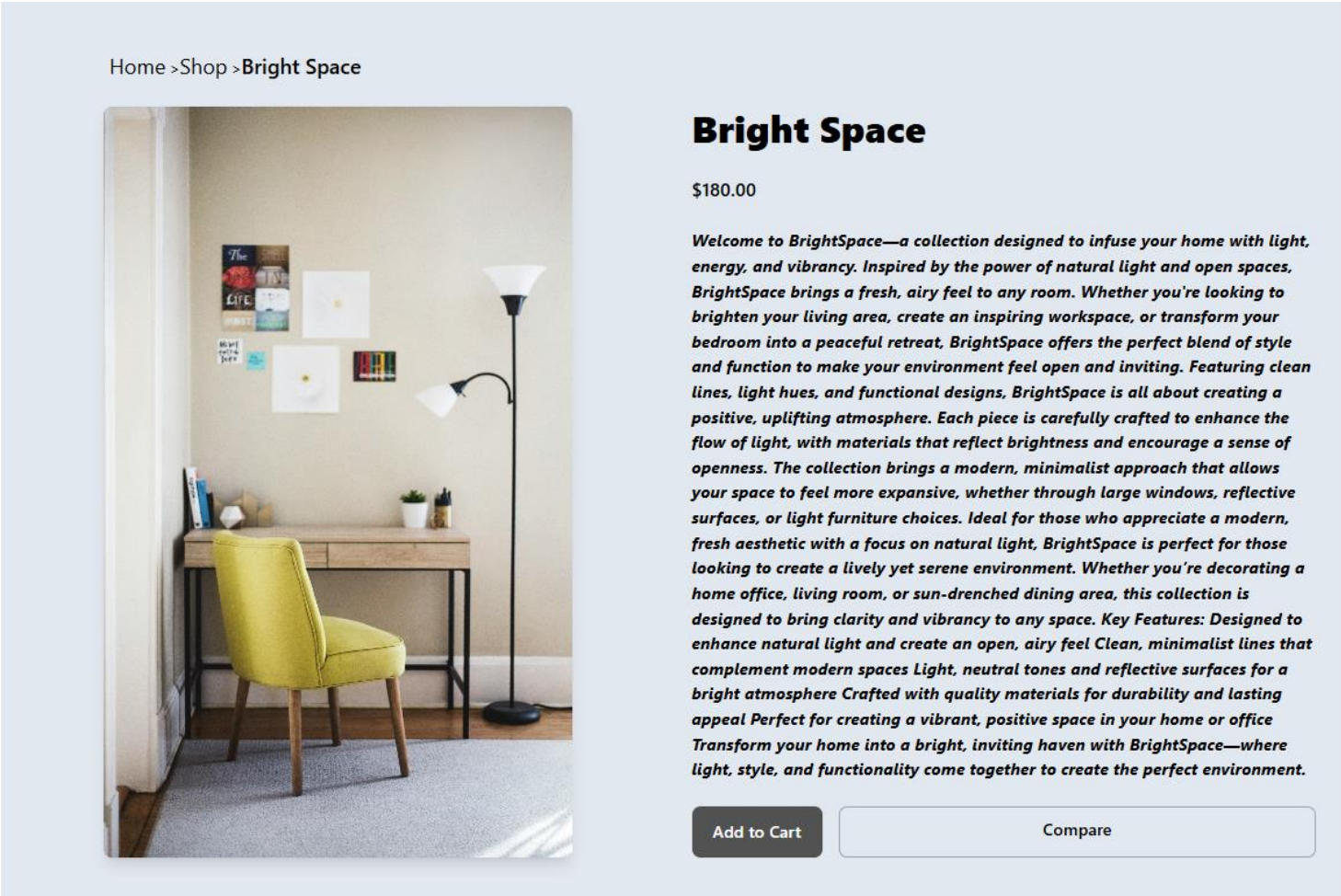
# Wishlist Functionality

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



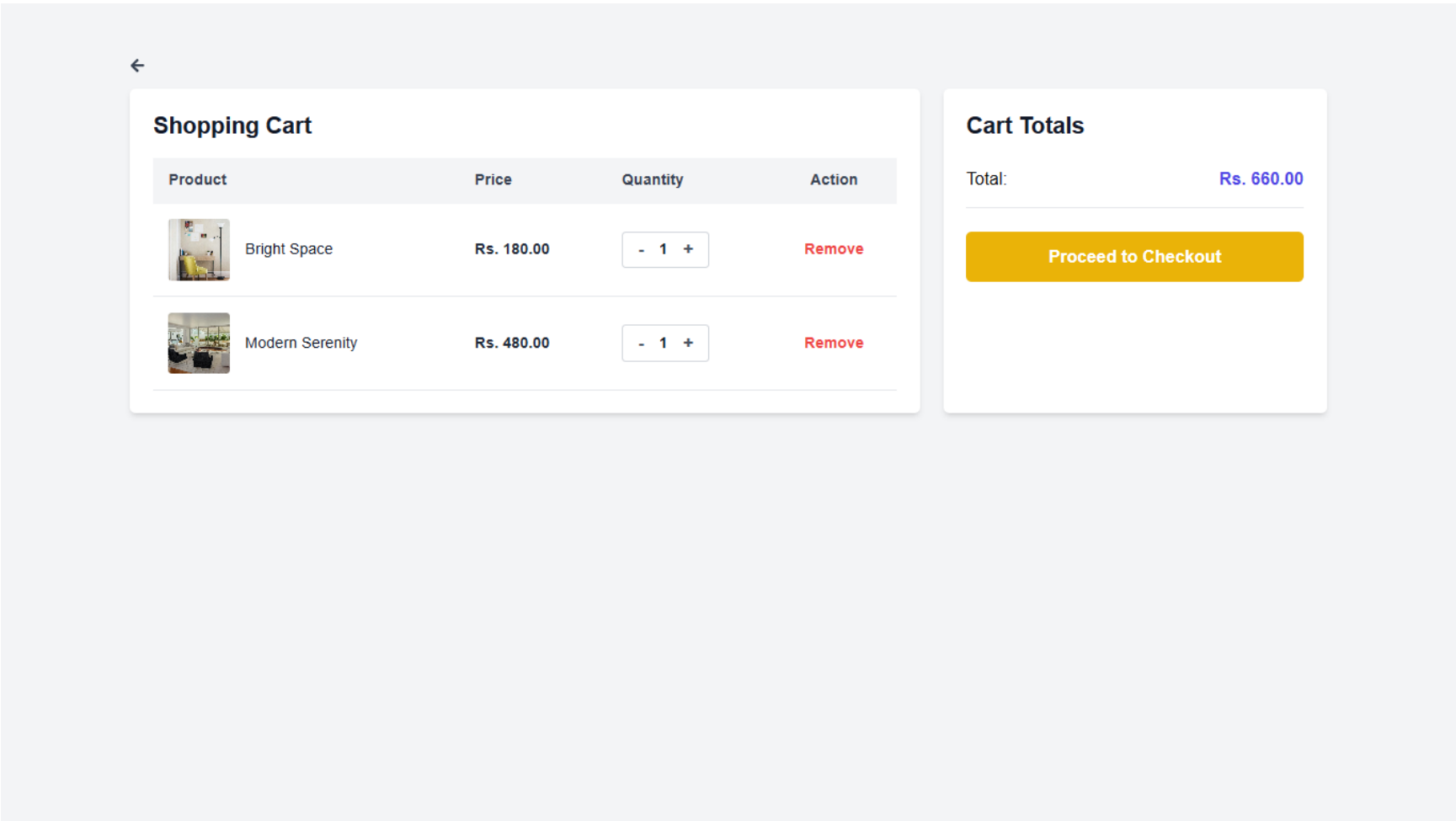
# Dynamic Product Pages

- 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.



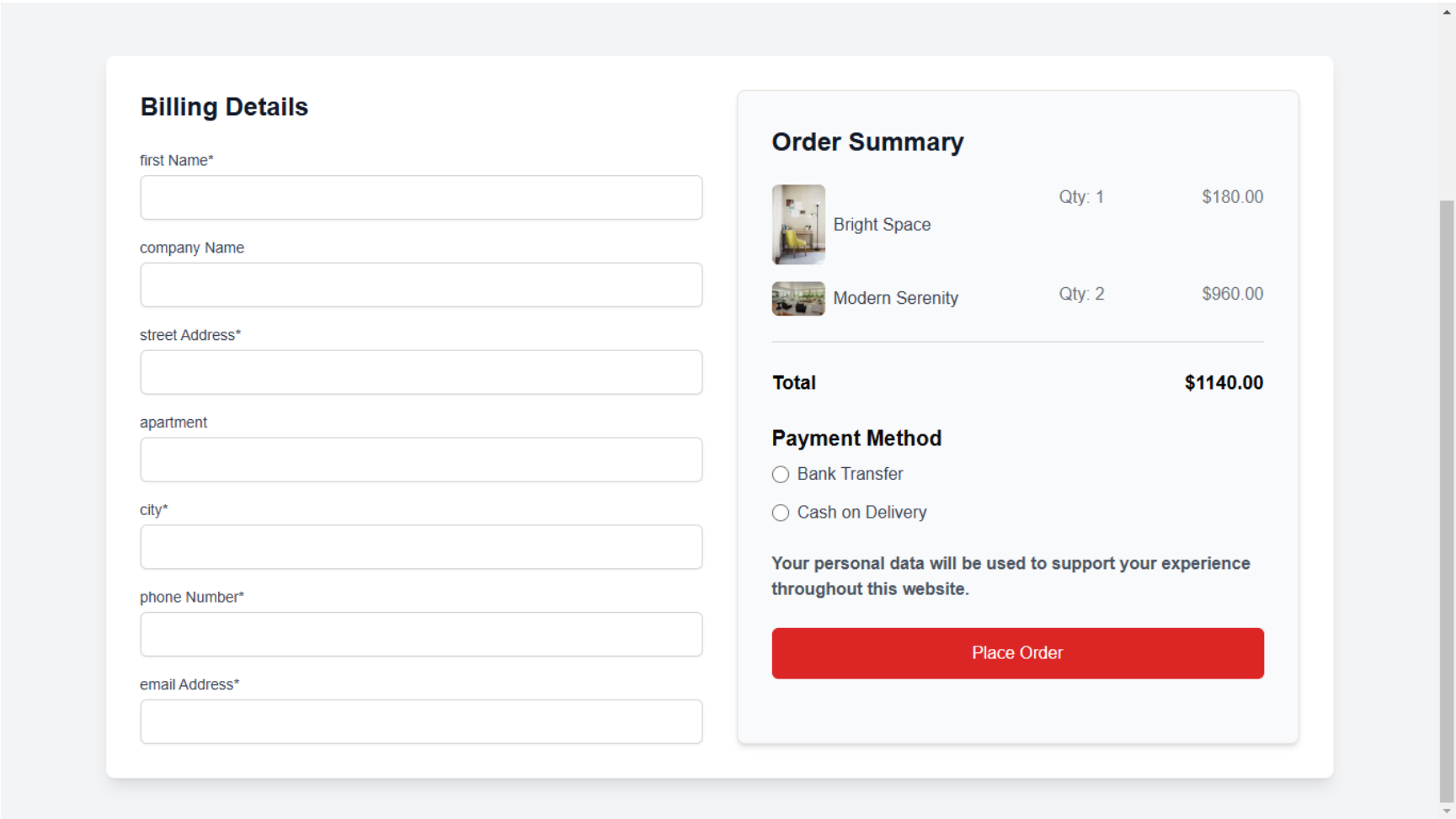
## Add to Cart Functionality

- 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.



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## 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.

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## 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.

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## Performance Optimization Steps Taken

### Optimized Image Loading

- Implemented lazy loading to improve page speed.

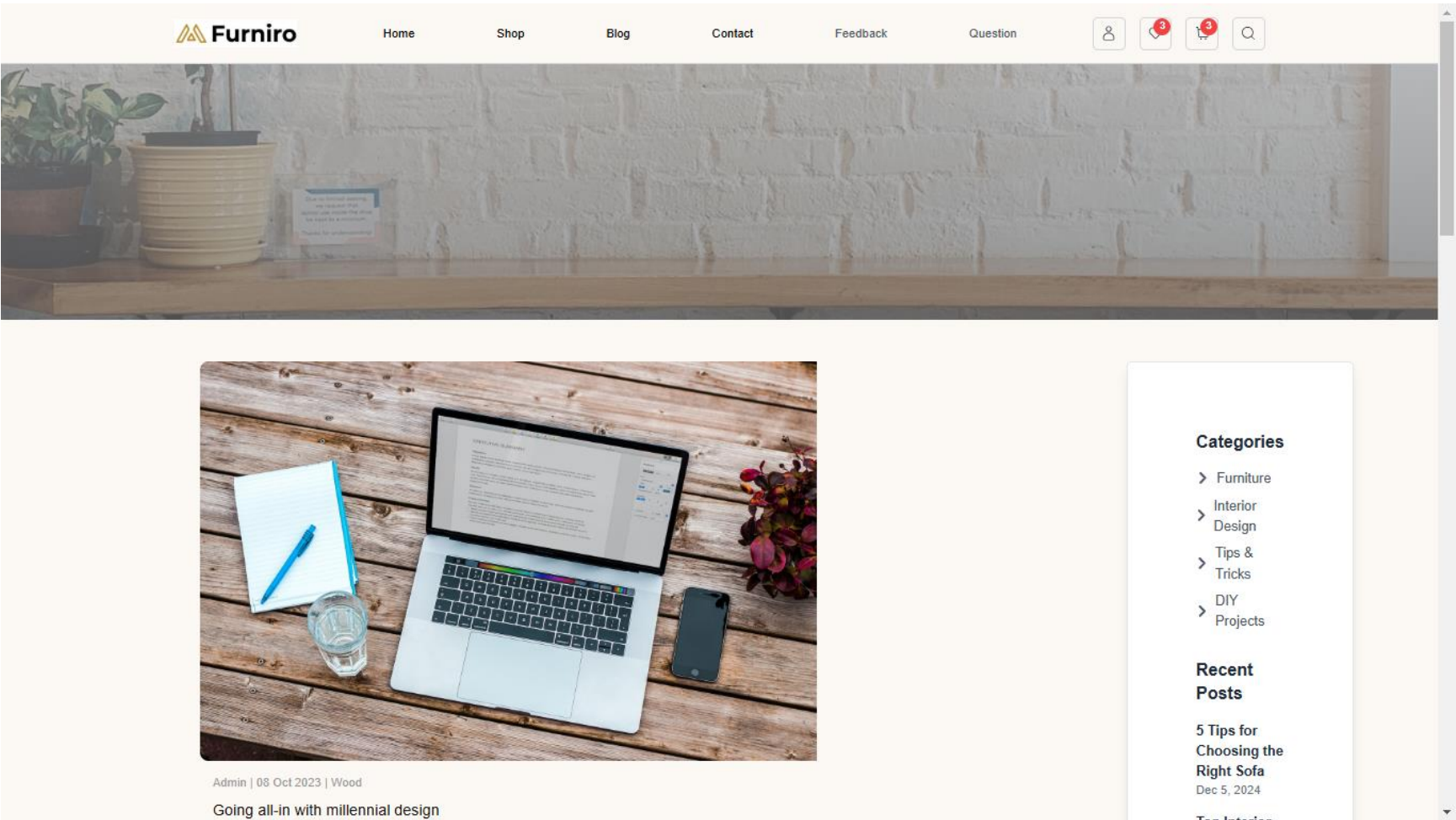
### Other Improvements

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

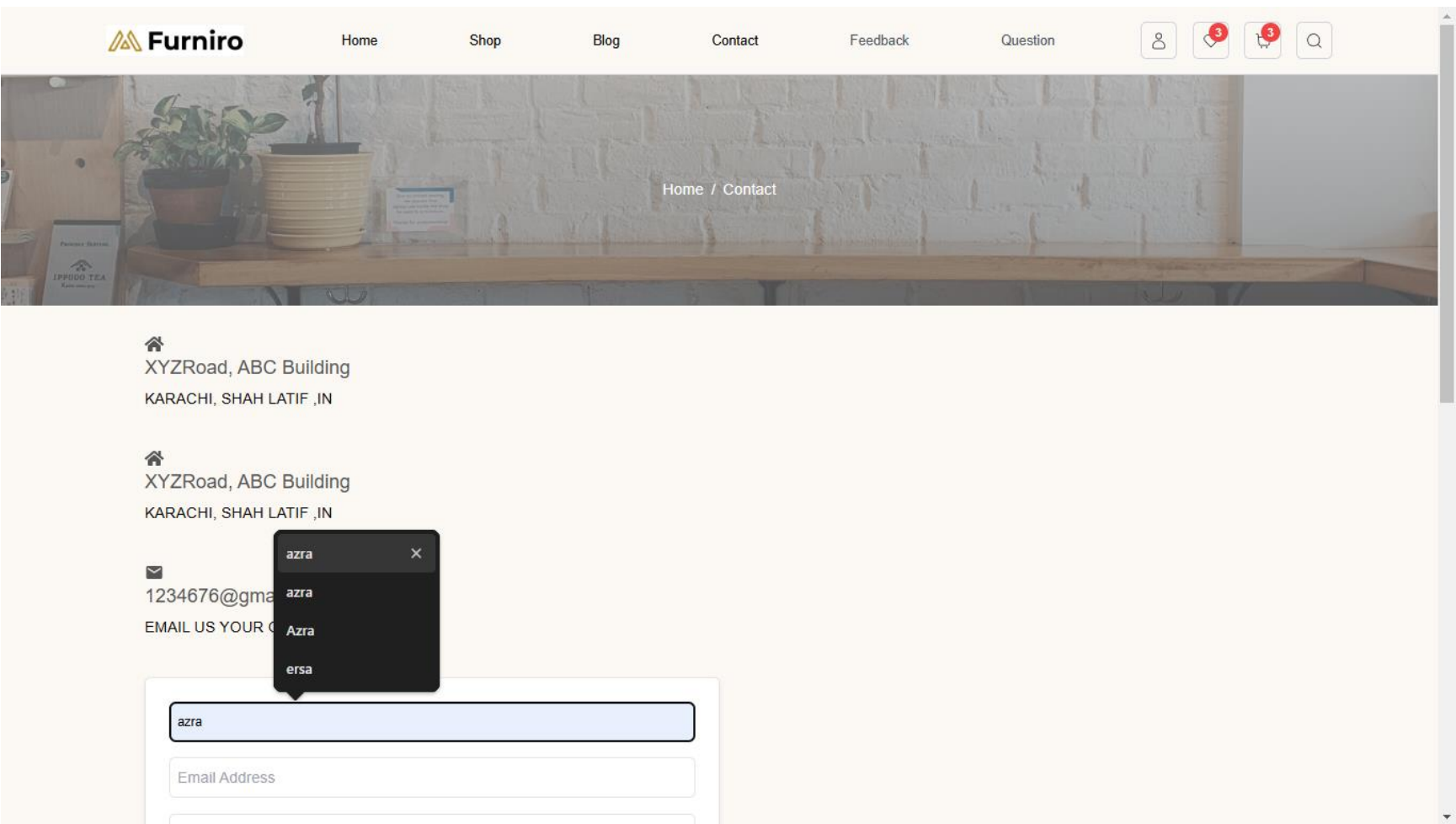


This document ensures that all features were tested, confirming that the application works as expected.

## BLOG PAGE

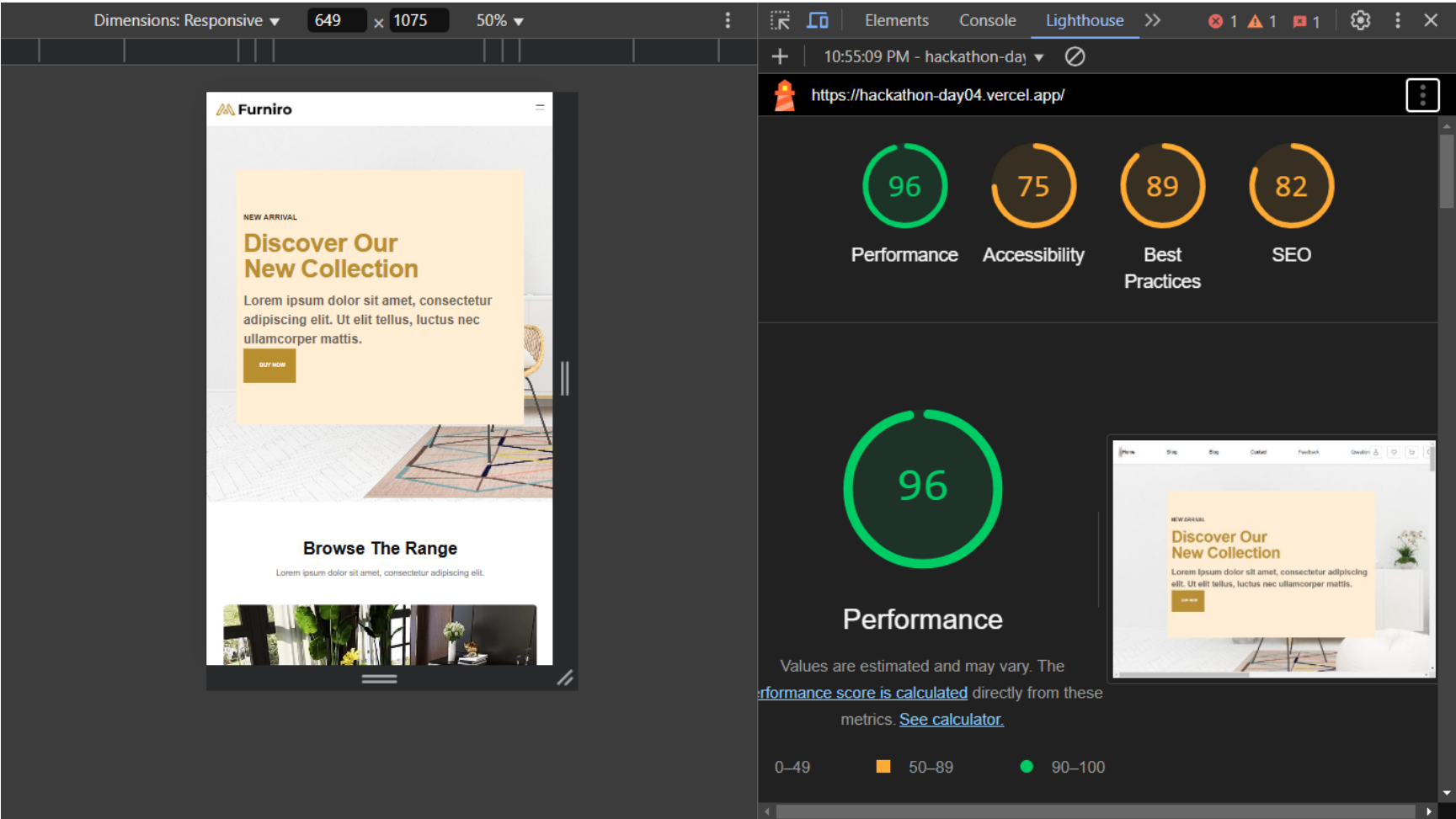


## CONTACT PAGE



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>