

DAY 5

MARKETPLACE

Presented by: Ayesha Iqbal



DAY 4 RECAP

Featured Products



The Poplar suede sofa
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$980

[View Product](#)



Tropical Vibe
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$550

[View Product](#)



Sleek Living
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$300

[View Product](#)



Serene Seat
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$350

[View Product](#)



Nordic Elegance
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$280

[View Product](#)



TimberCraft
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$320

[View Product](#)

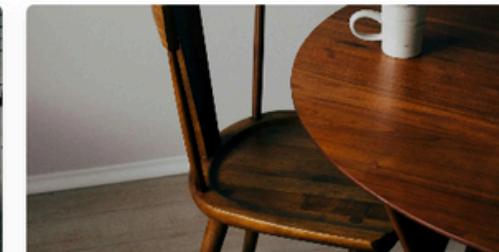
Best Selling Products



Nordic Elegance
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$280

[View Product](#)



TimberCraft
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\$320

[View Product](#)



Timeless Elegance
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[View Product](#)



Modern Serenity
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$480

[View Product](#)



Reflective Haven
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$300

[View Product](#)

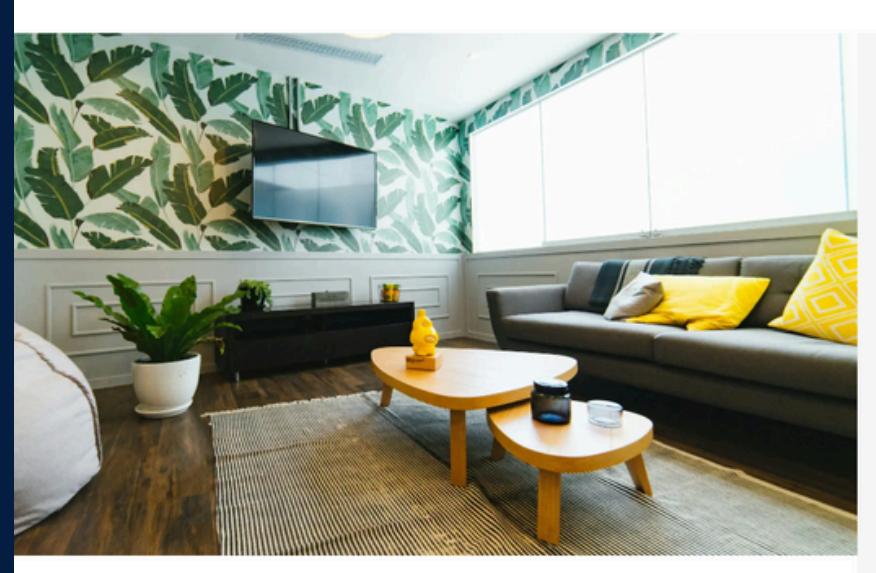


Sunny Chic
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...

\$400

[View Product](#)

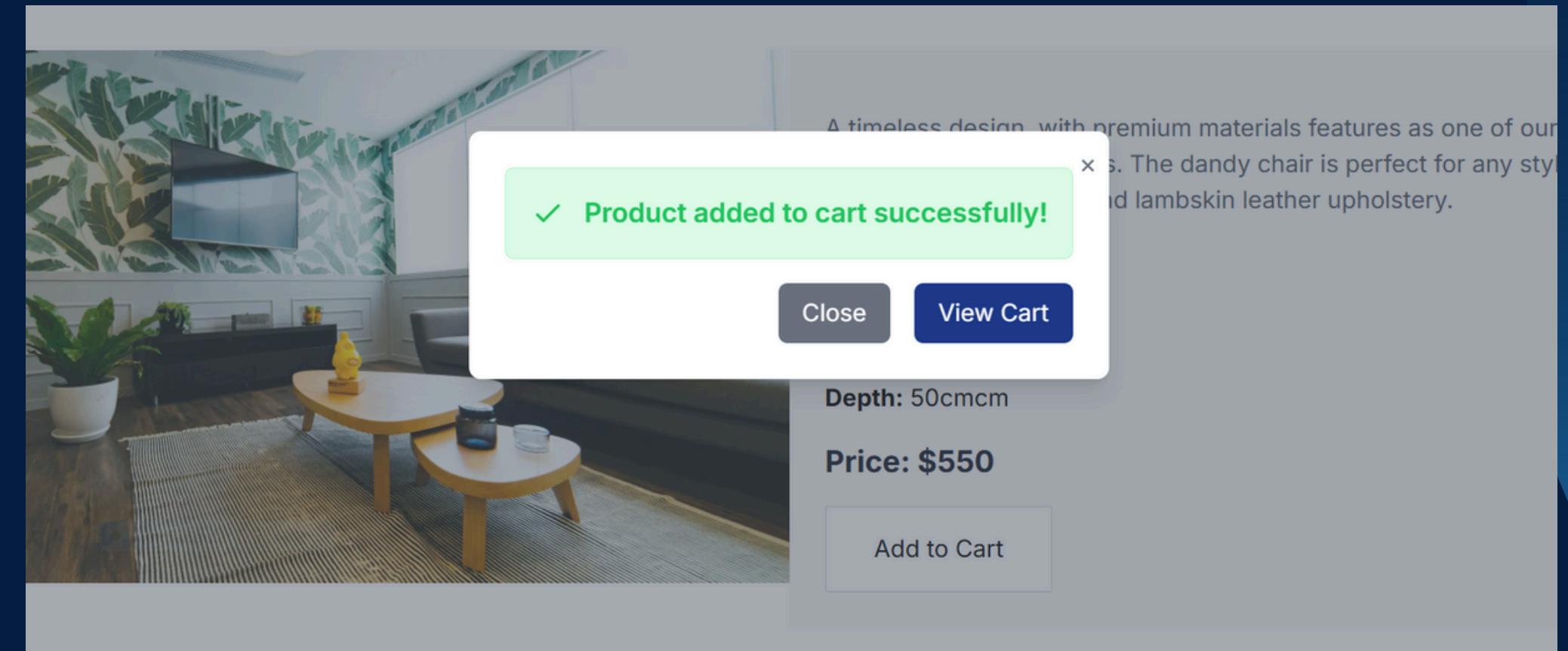
Day 4 recap



A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

Dimensions
Height: 110cmcm
Width: 75cmcm
Depth: 50cmcm
Price: \$550

[Add to Cart](#)



A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

✓ Product added to cart successfully!

[Close](#) [View Cart](#)

Depth: 50cmcm
Price: \$550

[Add to Cart](#)

Day 4 recap

Our Popular Products

The Poplar suede sofa
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...
\$980

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\$550

Sleek Living
A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for...
\$300

[View Product](#) [View Product](#) [View Product](#)

Checkout

Order Summary

Price: \$550.00
Quantity: 2
Subtotal: \$1100.00

Total: \$1100.00

[Place Order](#)

Your Shopping Cart

Total: \$1100.00

[Checkout](#)

Shipping Information

Full Name
John Doe

Email Address
example@example.com

Phone Number
+1 123-456-7890

Shipping Address
123 Main St

City
New York

Postal Code
10001

Country
USA

Additional Notes
Any special instructions or requests?

[Submit Shipping Information](#)

DAY 5

Objective

Day 5 focuses on ensuring that the furniture marketplace is deployment-ready by thoroughly testing its functionalities, optimizing its performance, and documenting results. Key areas include:

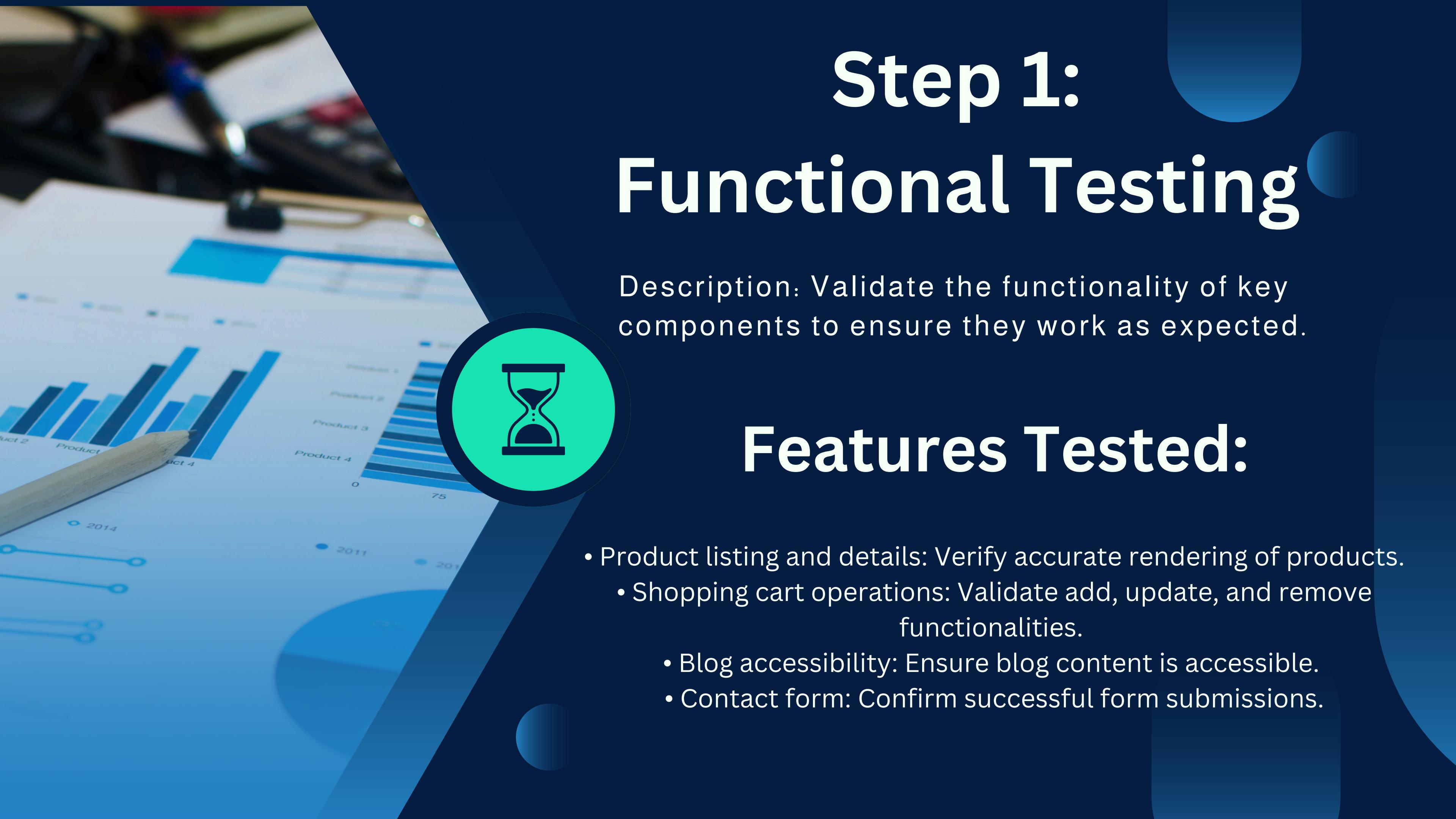
MARKETPLACE

1. Conducting comprehensive testing of core functionalities
- . 2. Implementing robust error handling mechanisms.
3. Optimizing for performance, accessibility, and SEO.
4. Ensuring cross-browser and cross-device compatibility.
5. Documenting findings and fixes in a professional format.

05

KEY LEARNING OUTCOMES

- 1. Validate all functionalities through functional and user acceptance testing.
- 2. Improve website performance metrics using tools like Lighthouse.
- 3. Ensure high accessibility scores for users with disabilities.
- 4. Enhance SEO for better search engine visibility.
- 5. Prepare detailed documentation and a CSV-based testing report.



Step 1: Functional Testing

Description: Validate the functionality of key components to ensure they work as expected.



Features Tested:

- Product listing and details: Verify accurate rendering of products.
- Shopping cart operations: Validate add, update, and remove functionalities.
- Blog accessibility: Ensure blog content is accessible.
- Contact form: Confirm successful form submissions.

TOOLS USED:

- Postman: For API response testing.
- React Testing Library: For component behavior testing.
- Cypress: For end-to-end testing

STEP 2: ERROR HANDLING

Description: Implement mechanisms to gracefully handle errors and provide user-friendly feedback.

Approach:

- Utilize try-catch blocks to handle API errors.
- Display fallback UI elements, such as "No products available" when data is unavailable.
- Log errors for debugging purposes. • Ensure graceful handling of failed API responses to maintain user trust and interface consistency.

STEP 3: PERFORMANCE OPTIMIZATION

Description: Identify and resolve performance bottlenecks using tools like Google Lighthouse.

Performance Metrics:

- Performance: 45
- Accessibility: 100
- Best Practices: 91
- SEO: 100

THANK YOU

SENIOR STUDENT:: AYESHA IQBAL