

BUILDING DYNAMIC FRONTEND COMPONENTS FOR MARKETPLACE

Introduction

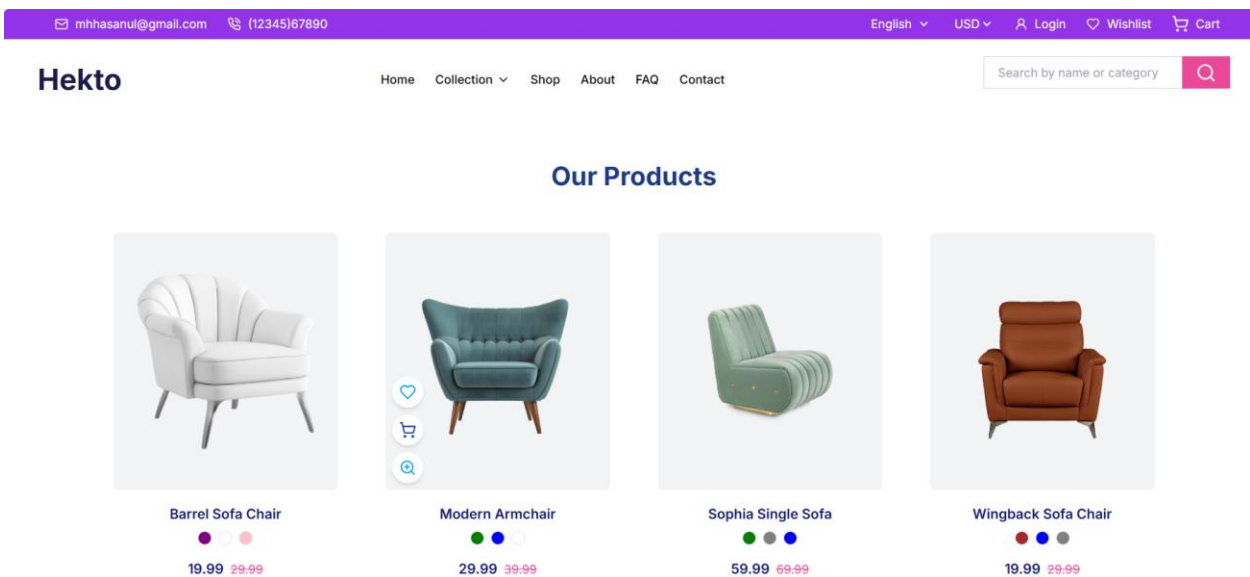
Our [e-commerce](#) platform aims to provide [luxury home decor items](#), including [vases](#), [luxury chairs](#), [fancy mirrors](#), and [lamps](#).

On Day 4 of the hackathon, I focused on designing and developing dynamic frontend components to display marketplace data fetched from Sanity CMS or APIs. This day was about creating reusable and modular components, applying state management, and implementing responsive web designs to ensure scalability and an optimal user experience.

Key Tasks Completed:

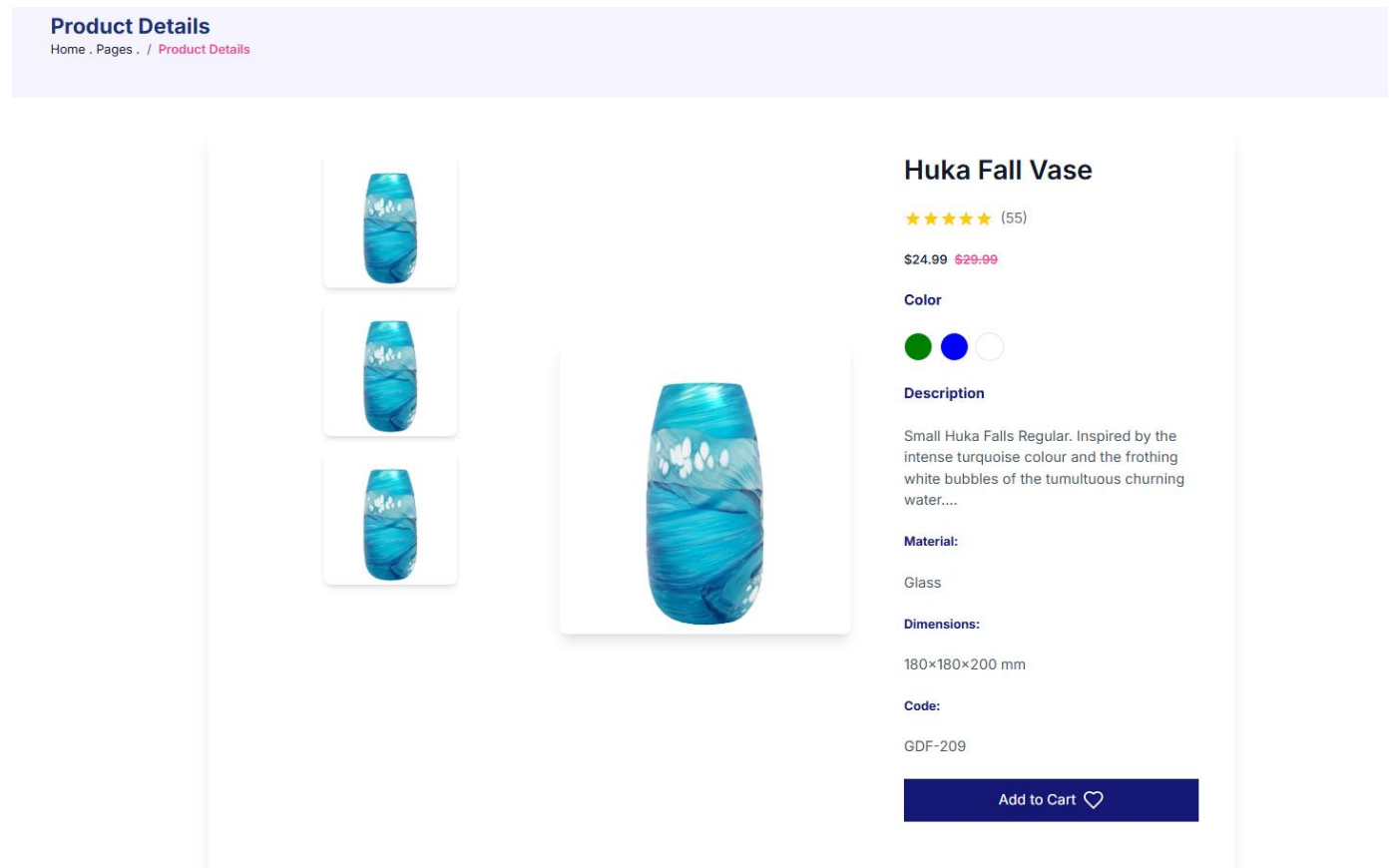
1. Product Listing Component:

- Dynamically rendered product data in a grid layout.
- Displayed important details like product name, price, image, and colors in card formats for an organized and easy-to-read presentation.

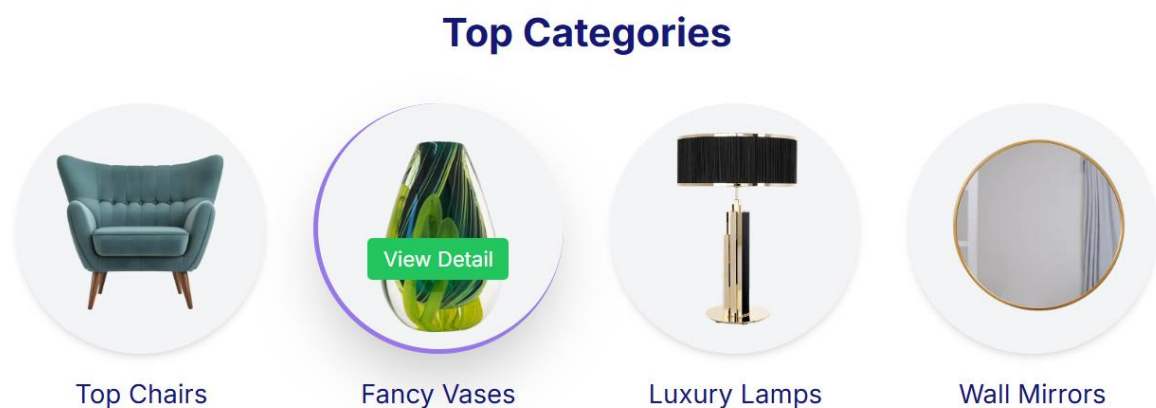


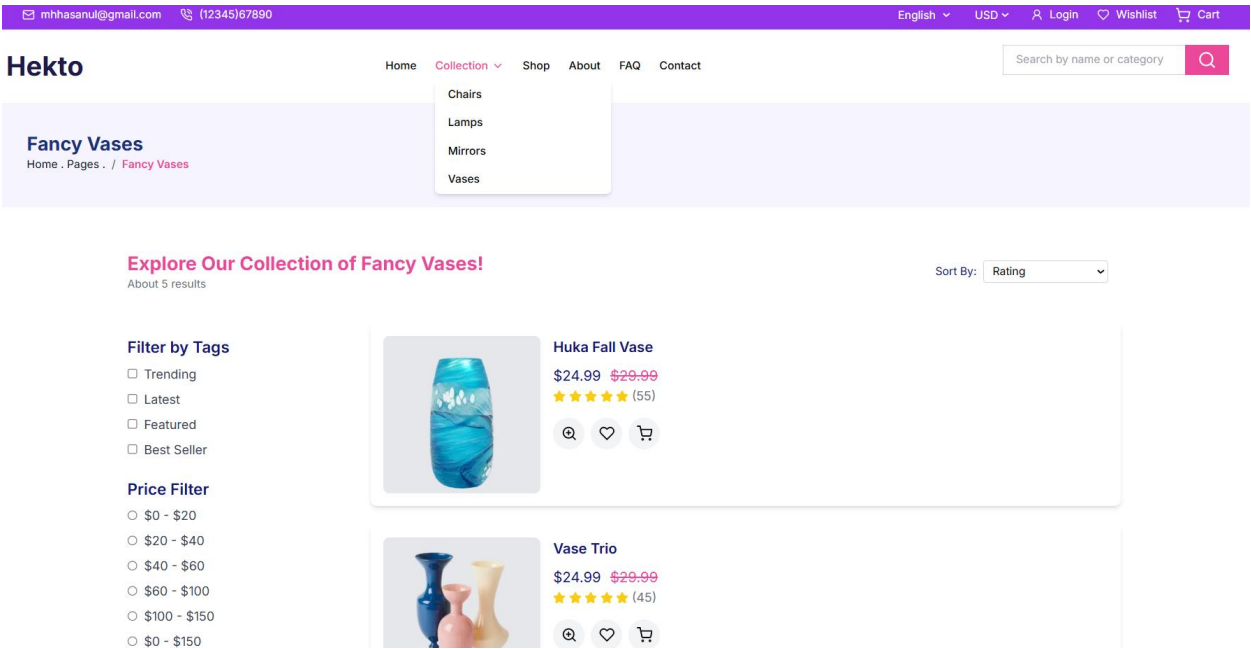
Product Detail Component:

- Created individual product detail pages using dynamic routing in Next.js.
- Included fields such as product description, price, material, dimensions and available colors for a detailed view.

**Category Component:**

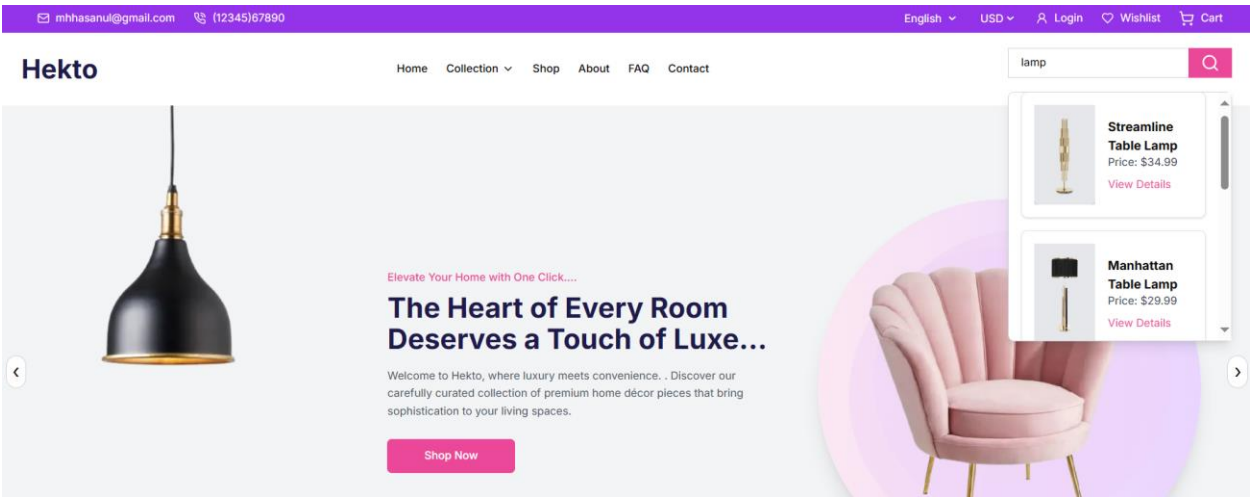
- Displayed categories dynamically fetched from the data source.
- Enabled filtering of products by selected categories, improving the browsing experience for users.





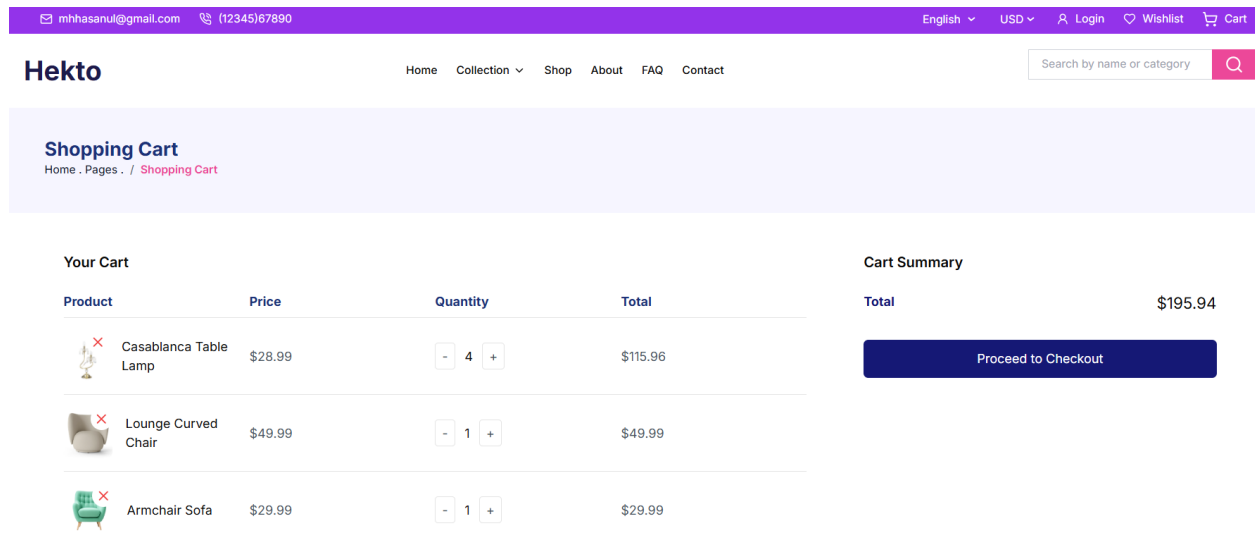
Search Bar:

- Implemented a search bar to filter products by name or categories, enhancing the ease of finding specific items within the marketplace.



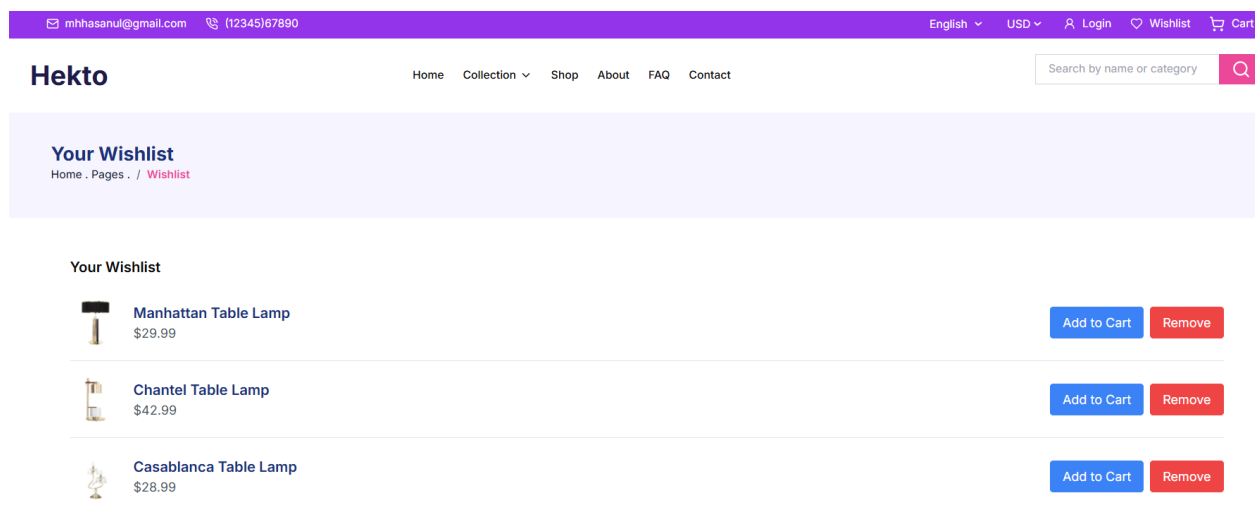
Cart Component:

- Built a cart component to display added items, quantities, and total price.
- Managed cart items through state management, enabling a responsive and interactive shopping cart experience.



Wishlist Component:

- Allowed users to save products for future reference.
- Implemented local storage or global state management for persisting wishlist data across sessions.



Checkout Flow Component:

- Developed a multi-step checkout form, including fields for billing and shipping addresses, and mock payment details for a realistic checkout process.

mhhasanul@gmail.com

(12345)87890

EnglishUSDLoginWishlistCart

Hekto

HomeCollectionShopAboutFAQContact

Search Product

Shipping

Home / Pages / Shipping

Shipping Information

Contact Information

safiaali.992002@gmail.com

Shipping Address

Md. Rahim Uddin

Last name

House 21, Road 13

Dhanmondi

Dhaka

Bangladesh

1209

Calculate Shipping

Shipping Rates

USPS (First Class Package International Service)	\$36.41
USPS (Priority Mail Express International)	\$81.29
USPS (Priority Mail International)	\$65.36

Order Summary

Total: \$325.00

Proceed to Checkout

Filter Panel Component:

Implemented advanced filtering options, such as: Price range and Tags like trending, best seller, new arrival, Price low to high and high to low, ratings

Explore Our Collection of Luxury Table Lamps!

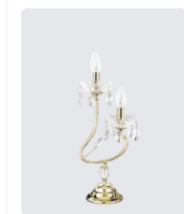
About 4 results

Filter by Tags

- Trending
- Latest
- Featured
- Best Seller

Price Filter

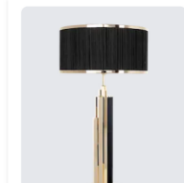
- \$0 - \$20
- \$20 - \$40
- \$40 - \$60
- \$60 - \$80
- \$100 - \$120
- \$150 - \$170



Casablanca Table Lamp

\$28.99 ~~\$34.99~~

★★★★★ (73)



Manhattan Table Lamp

\$29.99 ~~\$36.99~~

★★★★★ (43)



Sort By: Best Match

Best Match

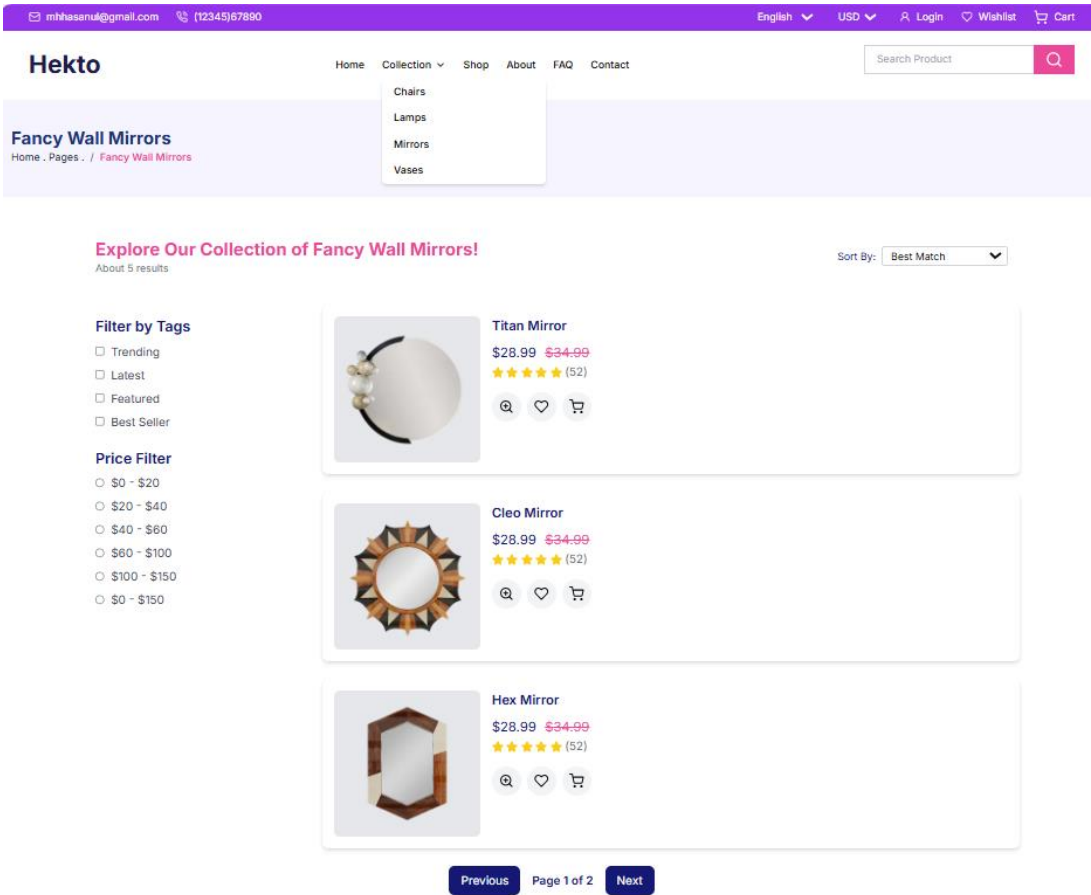
Price: Low to High

Price: High to Low

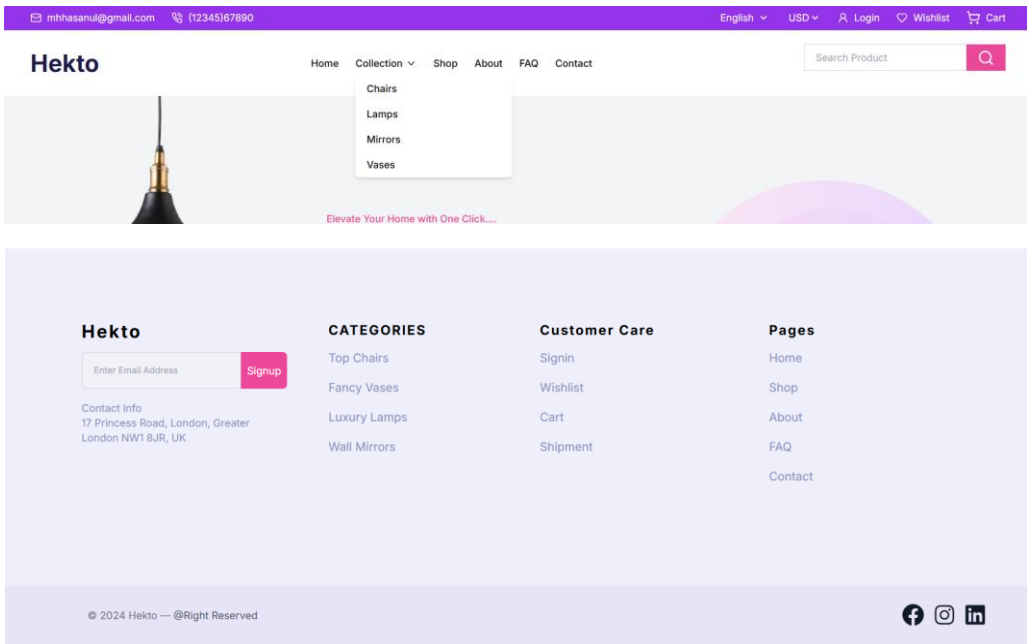
Rating

Pagination Component:

Implemented pagination to manage large product lists, breaking them into smaller, more manageable pages.

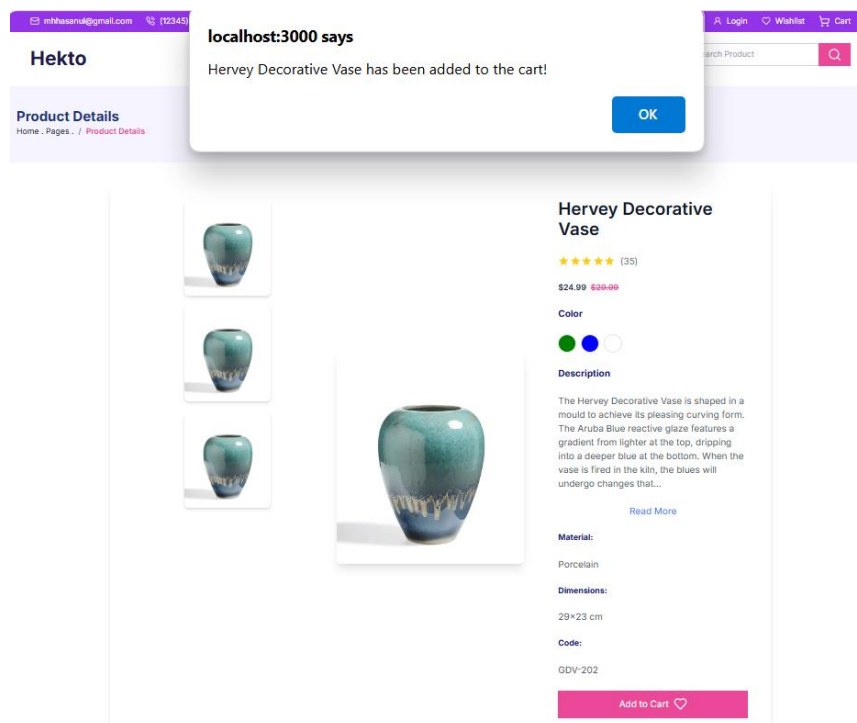


Footer and Header Components:



Notifications Component:

Created real-time notifications for actions such as adding to the cart, errors, or successful purchases.



FAQ and Help Center Component:

FAQ

Home . Pages . / [FAQ](#)

Frequently Asked Questions

What is your return policy?

We offer a 30-day return policy. Items must be returned in their original condition with a receipt.

How do I track my order?

You can track your order through the tracking link provided in your confirmation email.

Do you ship internationally?

Yes, we ship to most countries worldwide. Shipping costs and times vary by location.

Can I change my order after placing it?

You can modify your order within 24 hours by contacting our customer service team.

Ask a Question

Conclusion:

Day 4 of the hackathon was a productive and engaging experience, where I successfully built various dynamic frontend components crucial for a scalable and user-friendly marketplace. While many components were designed with static functionality, I laid a solid foundation for future integration of dynamic features. This day allowed me to practice real-world skills such as state management, responsive design, and UX/UI principles, preparing me for future projects and client work.