

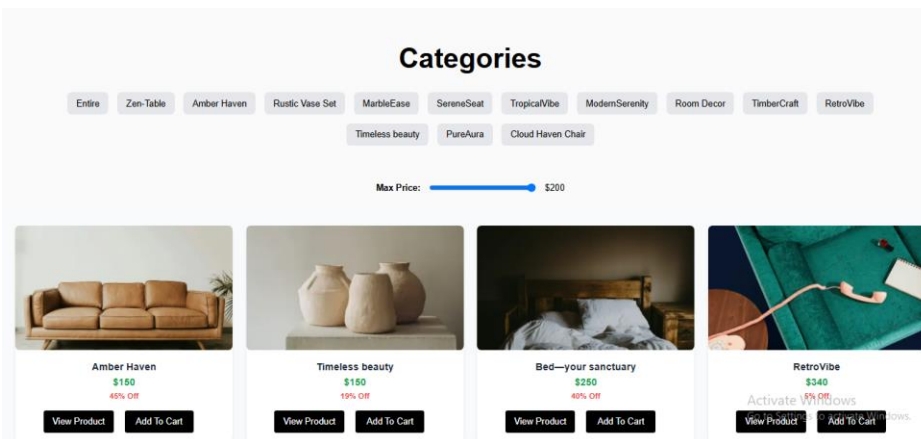
Hackathon Day 4: Building Dynamic Frontend Components and Efficient State Management

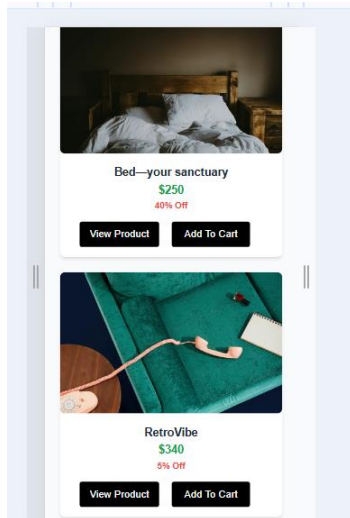
By: Muhammad Tariq Mahboob

Roll No: 00045915

Day 4 Accomplishments:

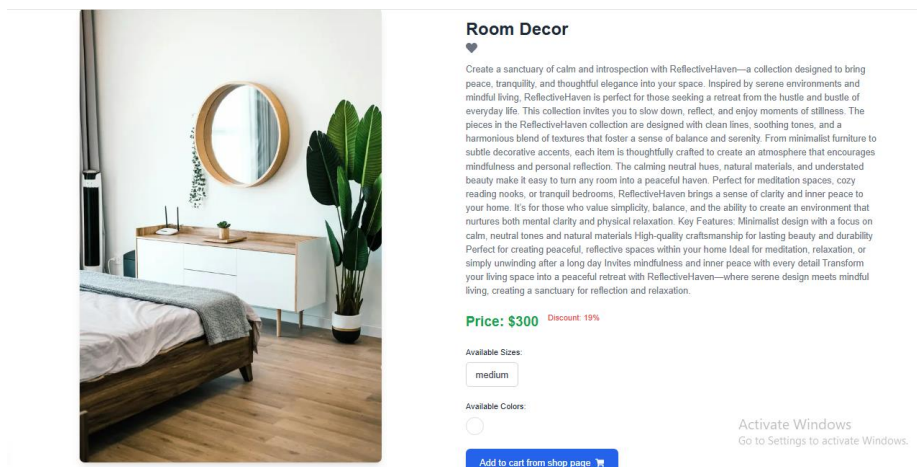
- Dynamic Products List Page Creation:**
 - Successfully developed a product listing page that fetches dynamic data from Sanity CMS.
- Interactive Product Cards Design:**
 - Crafted visually engaging product cards with hover effects, enhancing user experience and interactivity.
- Clean, Modular Code:**
 - Implemented reusable components for a more organized and maintainable codebase, promoting code reusability and simplicity.
- Fully Responsive Design:**
 - Ensured the product page is fully responsive, adapting seamlessly across various devices including mobile, tablet, and desktop.





5. Product Details Page

- Developed a dynamic Product Details Page by defining slugs in Sanity schemas, generating a unique slug for each product.
- Implemented dynamic fetching of detailed product information from Sanity CMS for each specific product.
- Focused on creating an intuitive and user-friendly layout, ensuring seamless navigation and clear readability of product details.

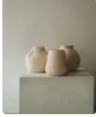


6. Cart Page

- Built a Cart Page with efficient state management using Redux Toolkit.
- Implemented a seamless "Add to Cart" feature, optimizing performance and user experience.
- Prioritized organized state management to ensure the code remains scalable and maintainable.

- Designed the cart to dynamically update product quantities and calculate totals in real time, providing a smooth user experience.

Your Cart



Timeless beauty

Price: \$150


Quantity: 1

-

1

+

[Remove](#)



Bed—your sanctuary

Price: \$250

Quantity: 2

-

2

+

[Remove](#)

Subtotal	\$650.00
Discount (20%)	-\$130.00
Delivery Fee	\$15.00
Total	\$535.00

[Go to Checkout](#)