Day 4

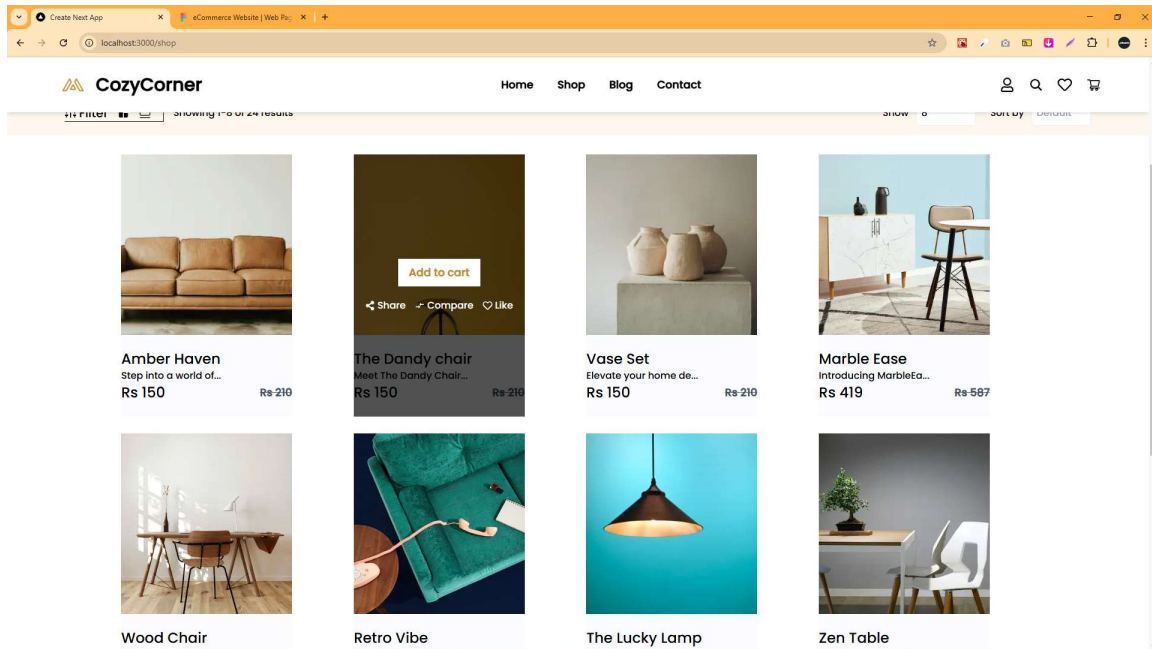## Building Dynamic Frontend components (CozyCorner)

The focus is on designing and building dynamic frontend components to showcase marketplace data fetched from Sanity CMS or APIs. Creating modular, reusable components while following best practices to ensure the application is scalable and responsive.

Key Learning Outcomes:

- Create dynamic frontend components to show data from Sanity CMS or APIs.

- Build reusable and flexible components.

- Use state management techniques.

- Replicate real-world workflows for professional projects.

Key Components to build:

- Product Listing Component:

- Display product information in a grid format.

- Include details such as product name, price, image, and stock status

Product Detail Component:

- Utilize Next.js dynamic routing to generate unique product detail pages.

- Showcase essential product information, including description, price, and available size and color options.

localhost:3000/shop/Vase-Set

CozyCorner

Home   Shop   Blog   Contact

Home > Shop > | Vase Set

Vase Set
RS 150

☆☆☆☆☆ | 5 Customer Reviews

Elevate your home decor with the timeless beauty of the Vase Set.
Designed to complement any interior style, this carefully curated set
of vases brings a touch of elegance and sophistication to your I

Size

L   XL   XS

Color

— 1 +   Add To Cart   + Compare

Tags: vase , decor , interior design , elegant, home

Share:

Description   Additional Information   Reviews [5]

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localhost:3000/shop/Amber-Haven

CozyCorner

Home   Shop   Blog   Contact

Amber Haven
RS 150

☆☆☆☆☆ | 5 Customer Reviews

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 soothing hues of amber with ele

Size

L   XL   XS

Color

— 1 +   Add To Cart   + Compare

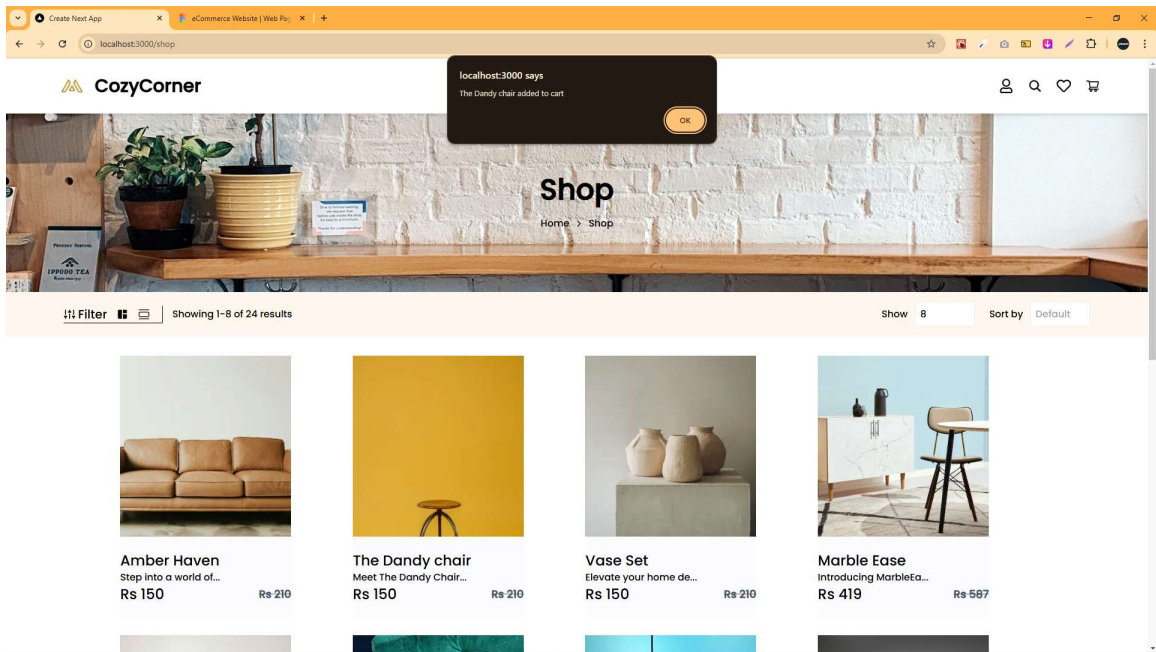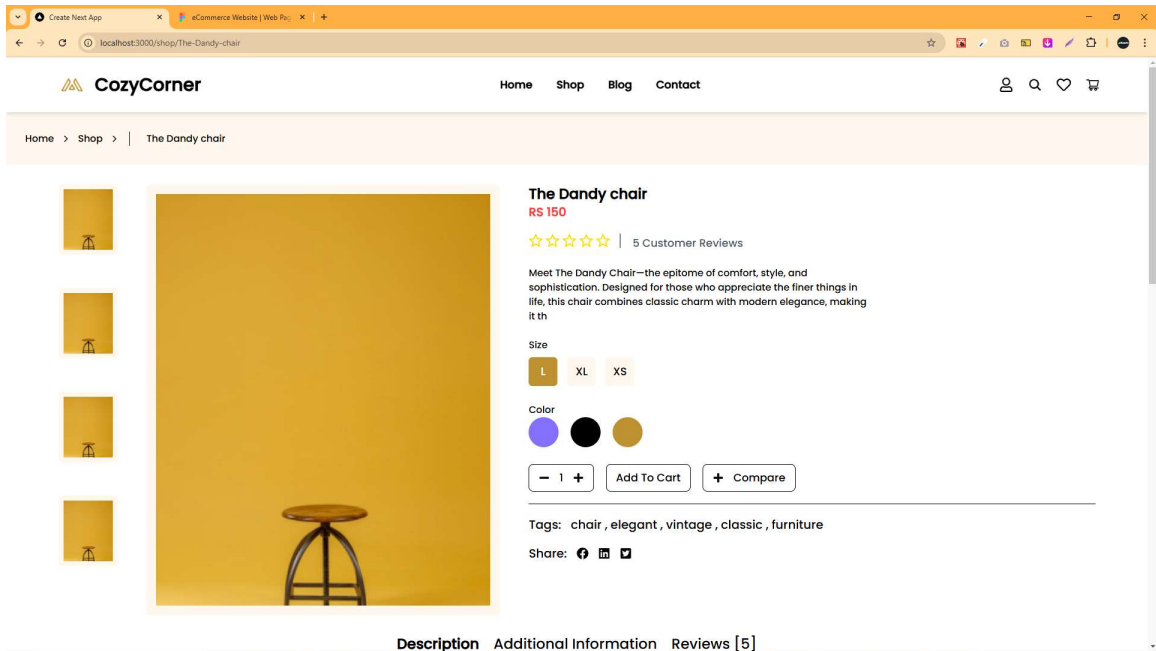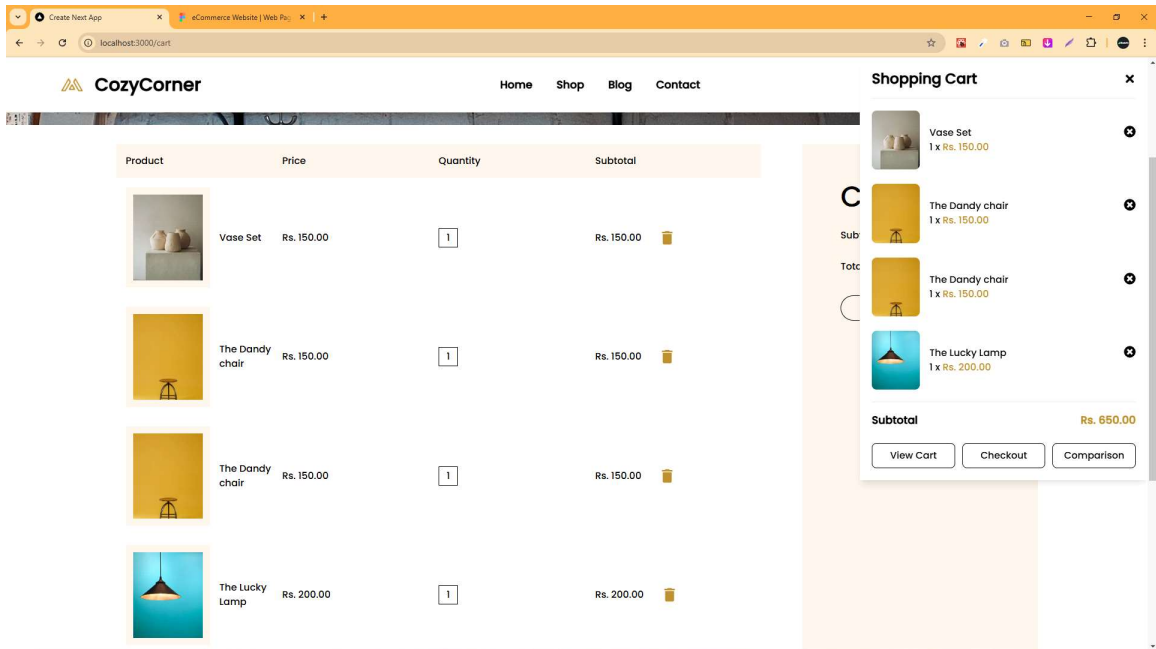Tags: amber , luxury , cozy , elegant , furniture

Share:

Description   Additional Information   Reviews [5]

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 soothing hues 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

Create Next App | eCommerce Website | Web Pa...

localhost:3000/shop/The-Dandy-chair

CozyCorner

Home   Shop   Blog   Contact

Home > Shop > The Dandy chair

The Dandy chair
RS 150

☆☆☆☆☆ | 5 Customer Reviews

Meet The Dandy Chair—the epitome of comfort, style, and sophistication. Designed for those who appreciate the finer things in life, this chair combines classic charm with modern elegance, making it th

Size

L   XL   XS

Color

⬤ ⬤ ⬤

− 1 +   Add To Cart   + Compare

Tags: chair , elegant , vintage , classic , furniture

Share:

Description   Additional Information   Reviews [5]

Create Next App | eCommerce Website | Web Pa...

localhost:3000/shop

CozyCorner

localhost:3000 says
The Dandy chair added to cart

OK

Shop
Home > Shop

⊹ Filter ▦ ▤   Showing 1–8 of 24 results   Show 8   Sort by Default

Amber Haven
Step into a world of...
Rs 150   Rs 210

The Dandy chair
Meet The Dandy Chair...
Rs 150   Rs 210

Vase Set
Elevate your home de...
Rs 150   Rs 210

Marble Ease
Introducing MarbleEa...
Rs 419   Rs 587

Checkout Flow Component:

Develop a multi-step form to collect billing and shipping addresses.

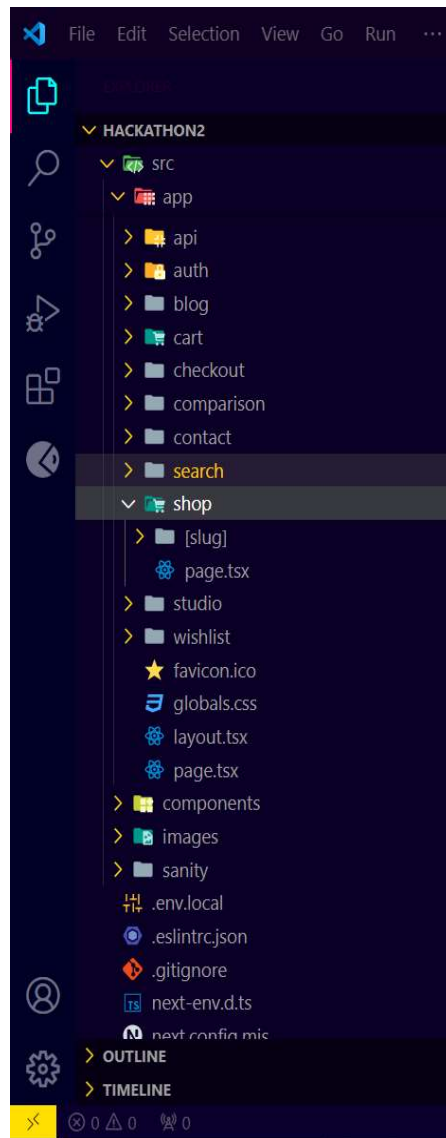Include a section for payment details with a mock implementation.

Ensure a smooth user experience with form validation and progress indicators.

Frontend Best Practices:

- Reusable Components.

- Develop modular components such as ProductCard and CategoryFilter.

- Use props to pass data, ensuring flexibility and reusability.

- Manage data efficiently using React state or context.

- Leverage modern styling solutions like Tailwind CSS or styled-

components.

- Ensure designs are fully responsive across all devices.

- Performance Optimization:

- Implement lazy loading and pagination for improved efficiency.

- Optimize images and minimize unnecessary re-renders.

Additional Functionalities:

Implemented various features, including product search, filtering, wishlist, navigation, and pagination.

Steps for Implementation:

- Connect the Next.js project to Sanity CMS or an API.

- Verify data fetching to ensure seamless availability.

Component Development:

- Build modular, reusable components for better maintainability.

- Utilize suitable libraries and frameworks for styling and state management.