"DAY _4"

Building_Dynamic_Frontend_Components_for_Your_Marketplace

Objective:

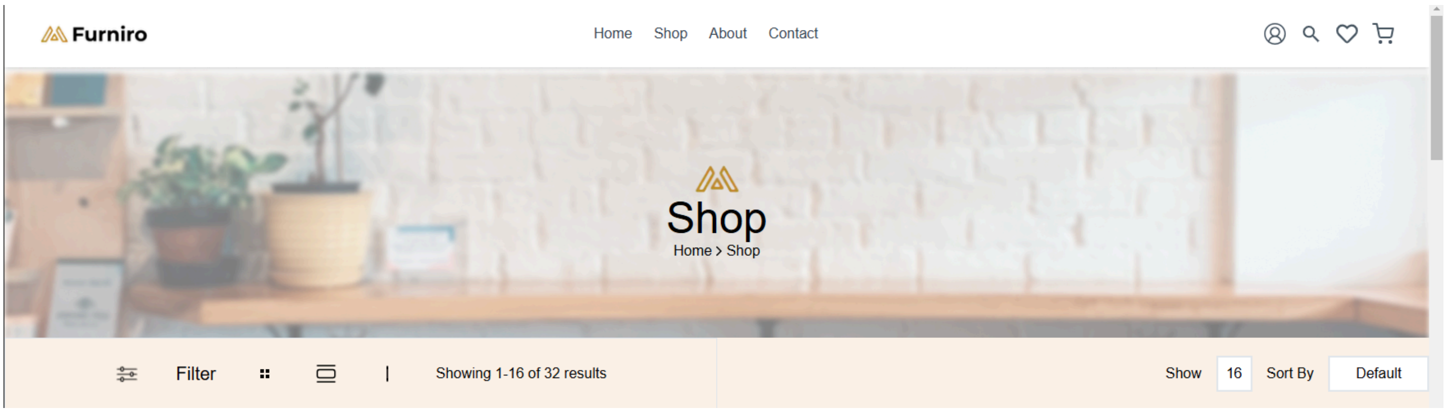
On Day 4, the focus is on designing and developing dynamic frontend components to display marketplace data fetched from Sanity CMS or APIs. This day emphasizes creating modular, reusable components and applying best practices for scalable and responsive web applications.

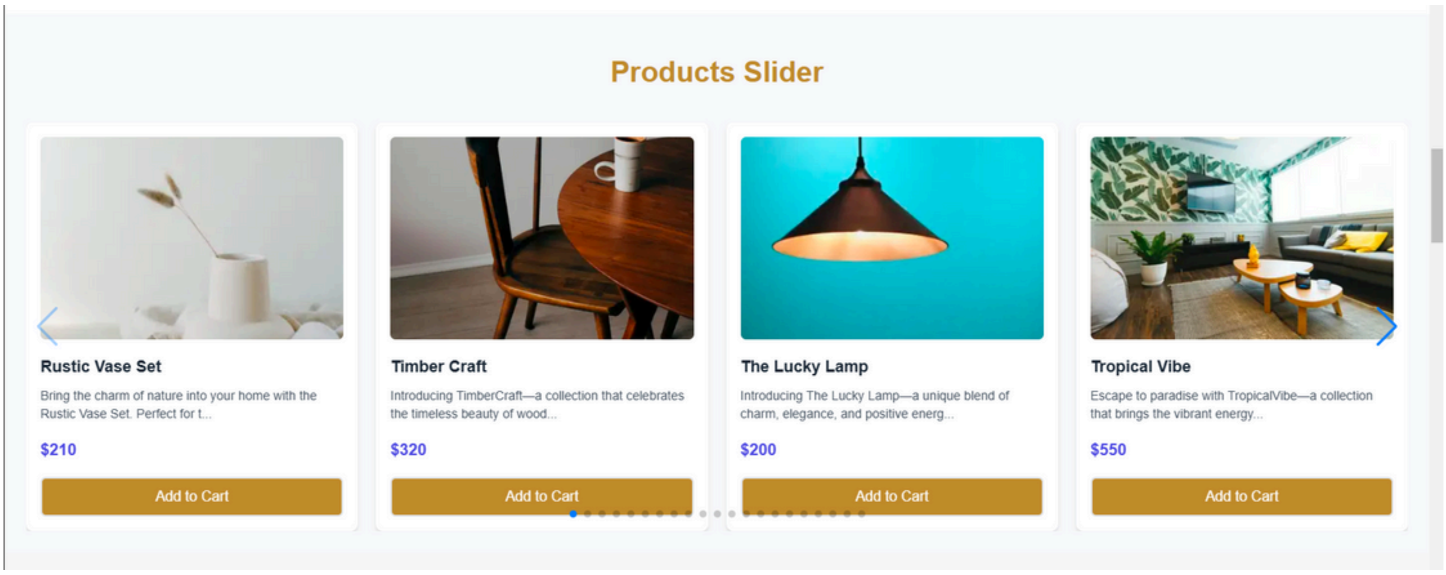
Key Learning Outcomes:

•	Build dynamic frontend components to display data from Sanity CMS or APIs.
•	Implement reusable and modular components.
•	Apply state management techniques.
•	Simulate real-world workflows for professional projects.

Key Components to Build:

•	Product Listing Component:
•	Render product data dynamically in a grid layout.
•	Include fields like Product Name, Price, Image, and Stock Status.





Rustic Vase Set

Bring the charm of nature into your home with the Rustic Vase Set. Perfect for t...

$210

Add to Cart

Timber Craft

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood...

$320

Add to Cart

The Lucky Lamp

Introducing The Lucky Lamp—a unique blend of charm, elegance, and positive energ...

$200

Add to Cart

Tropical Vibe

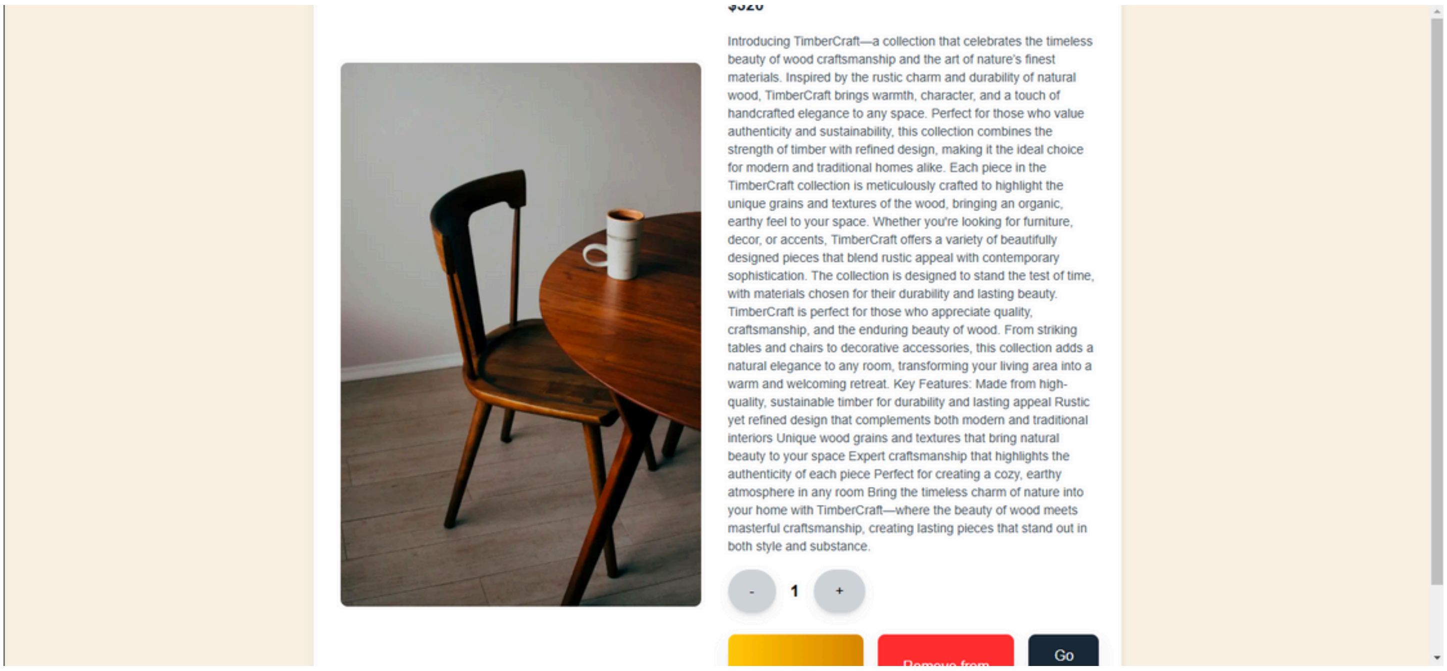
Escape to paradise with TropicalVibe—a collection that brings the vibrant energy...

$550

Add to Cart

Product Detail Component:

- Create individual product detail pages using Next.js dynamic routing.
- Display Product Description, Price, and Available Sizes/Colors.

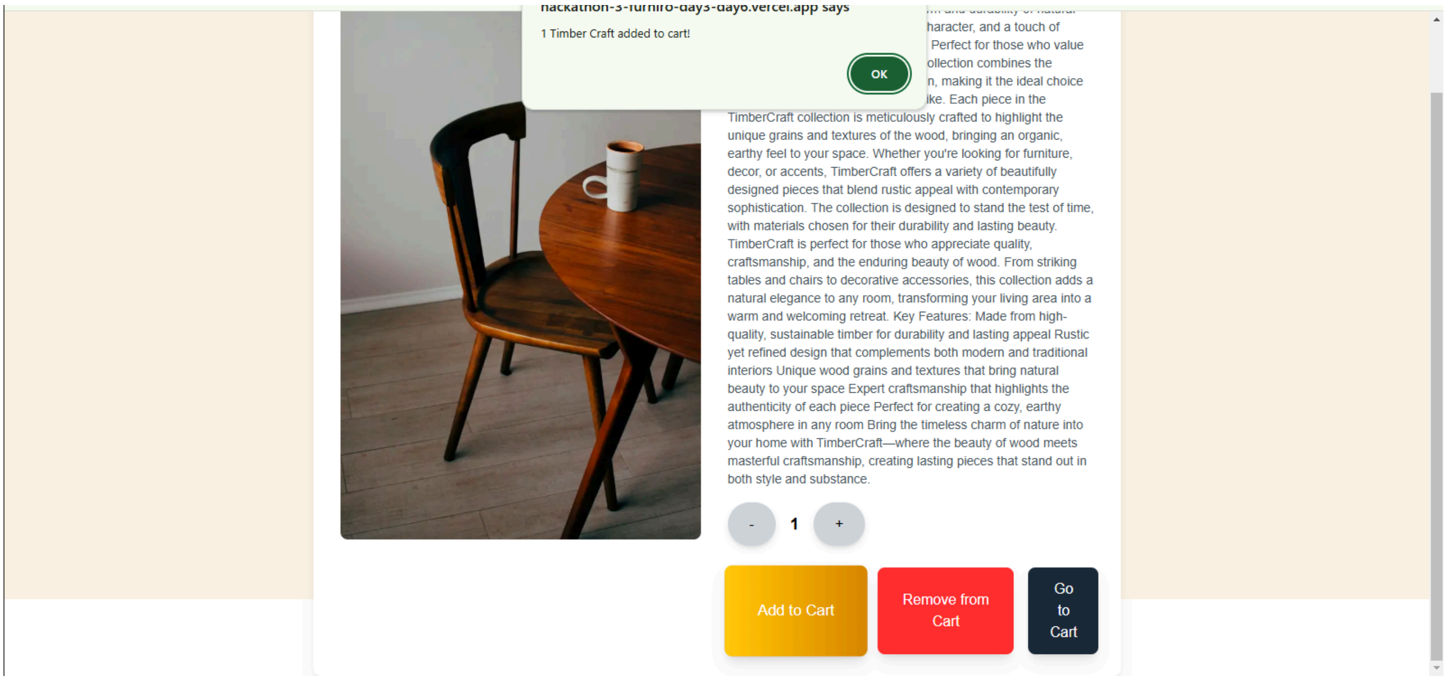


$320

Introducing TimberCraft—a collection that celebrates the timeless beauty of wood craftsmanship and the art of nature's finest materials. Inspired by the rustic charm and durability of natural wood, TimberCraft brings warmth, character, and a touch of handcrafted elegance to any space. Perfect for those who value authenticity and sustainability, this collection combines the strength of timber with refined design, making it the ideal choice for modern and traditional homes alike. Each piece in the TimberCraft collection is meticulously crafted to highlight the unique grains and textures of the wood, bringing an organic, earthy feel to your space. Whether you're looking for furniture, decor, or accents, TimberCraft offers a variety of beautifully designed pieces that blend rustic appeal with contemporary sophistication. The collection is designed to stand the test of time, with materials chosen for their durability and lasting beauty. TimberCraft is perfect for those who appreciate quality, craftsmanship, and the enduring beauty of wood. From striking tables and chairs to decorative accessories, this collection adds a natural elegance to any room, transforming your living area into a warm and welcoming retreat. Key Features: Made from high-quality, sustainable timber for durability and lasting appeal Rustic yet refined design that complements both modern and traditional interiors Unique wood grains and textures that bring natural beauty to your space Expert craftsmanship that highlights the authenticity of each piece Perfect for creating a cozy, earthy atmosphere in any room Bring the timeless charm of nature into your home with TimberCraft—where the beauty of wood meets masterful craftsmanship, creating lasting pieces that stand out in both style and substance.

Cart Component:

- Display added items, quantity, and total price.
- Use state management for cart functionality



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1 Timber Craft added to cart!

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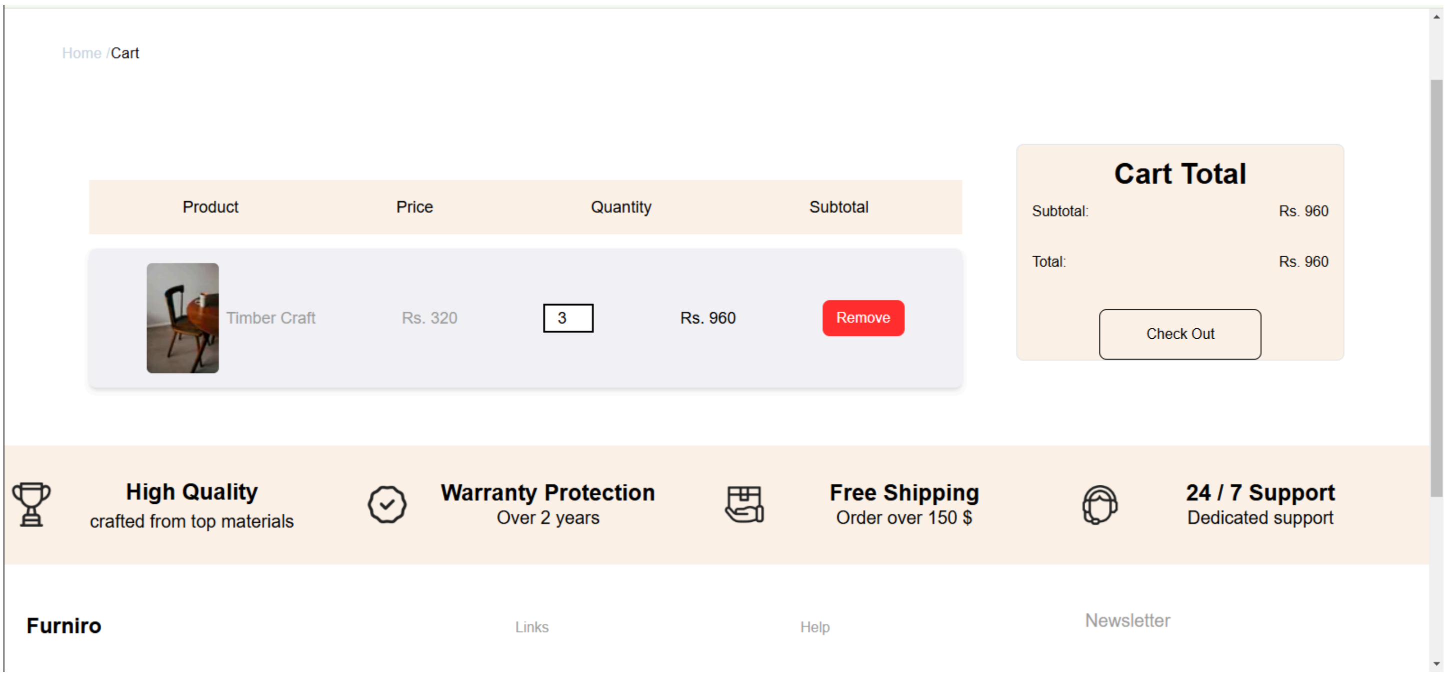


Home /Cart

Product	Price	Quantity	Subtotal	
Timber Craft	Rs. 320	3	Rs. 960	Remove

Cart Total

Subtotal:	Rs. 960
Total:	Rs. 960

Check Out

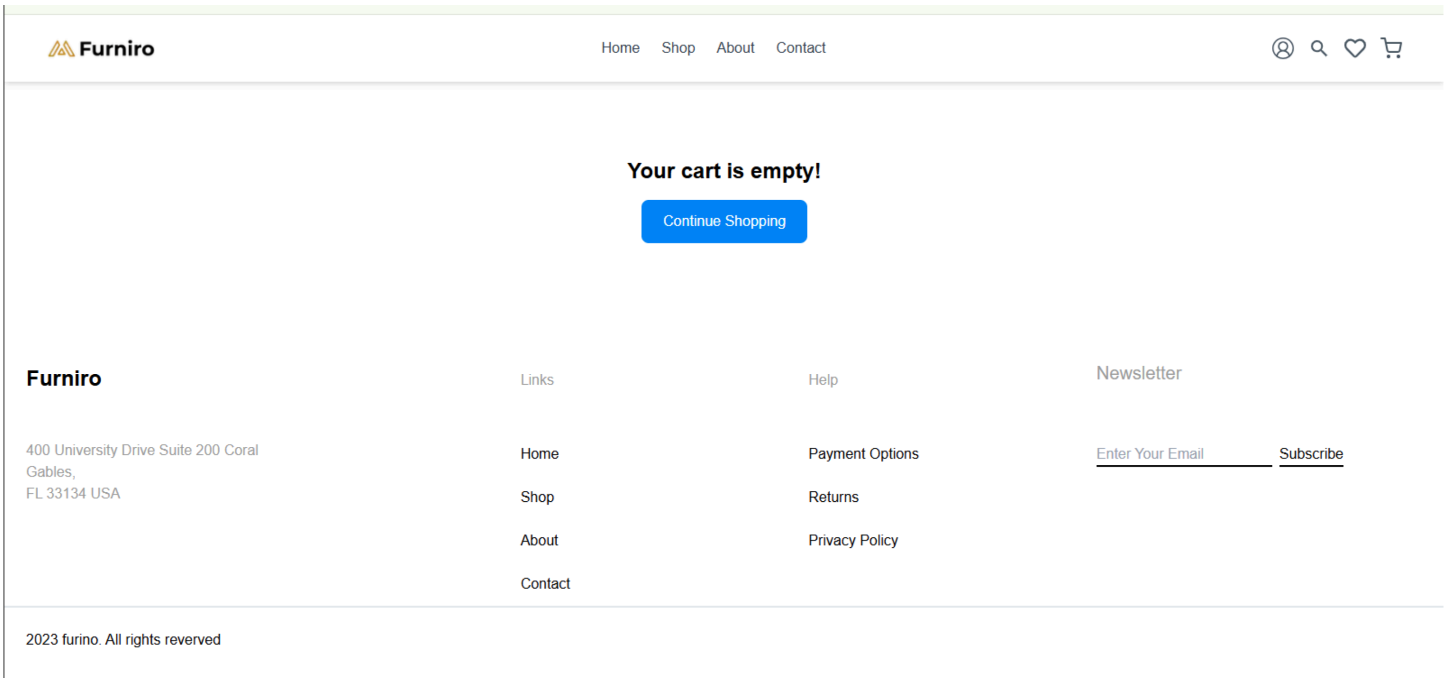
High Quality crafted from top materials

Warranty Protection Over 2 years

Free Shipping Order over 150 $

24 / 7 Support Dedicated support

Furniro Links Help Newsletter



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Your cart is empty!

Continue Shopping

Furniro

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FL 33134 USA

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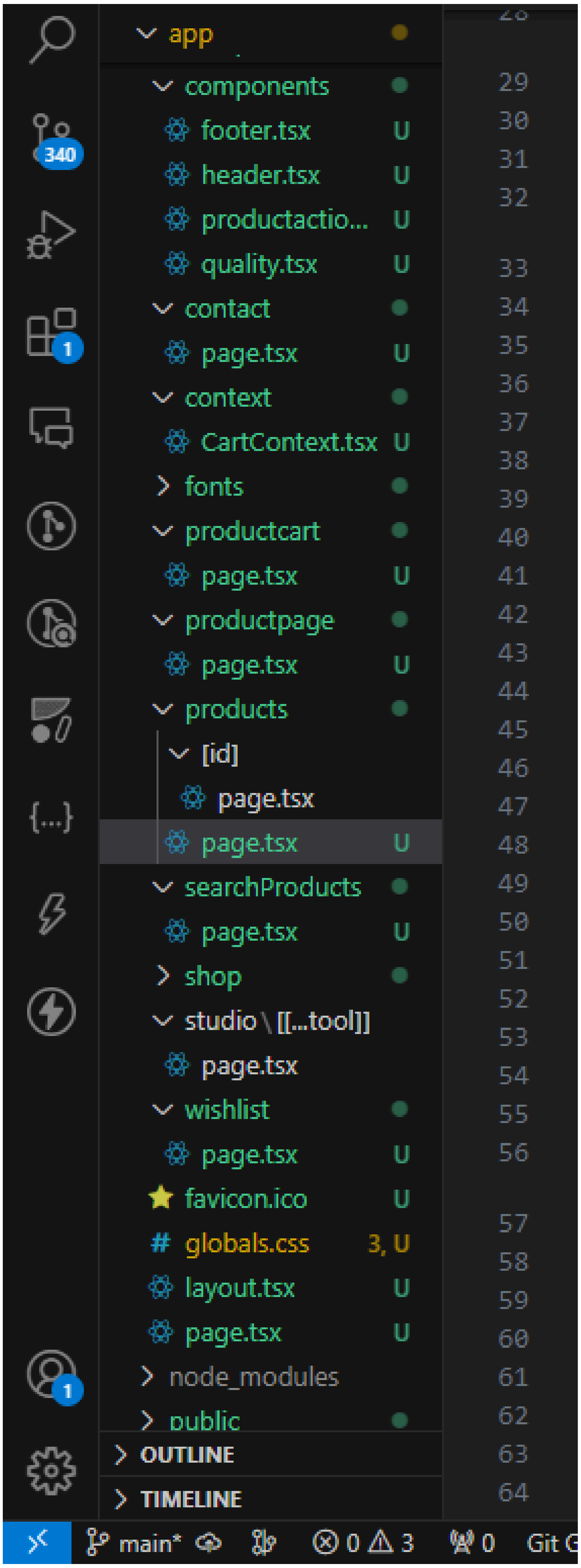
Frontend Best Practices:

- Reusable Components:
- Build modular components like ProductCard and CategoryFilter.
- Pass data via props for flexibility.
- State Management:
- Use React state or context for data management.

- Styling:
- Use modern libraries like Tailwind CSS or styled-components.
- Ensure responsiveness for all device sizes.
- Performance Optimization:
- Implement lazy loading and pagination.
- Optimize images and avoid unnecessary re-renders



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    layout.tsx                U
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> node_modules
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> TIMELINE
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Other functionalities:

I have added many functionalities like search product, filter product,wishlist,navigation,pagination etc.

Steps for Implementation:

- **Setup:**

- Ensure Next.js project is connected to Sanity CMS or API.
- Test data fetching to confirm availability.
- Component Development:
- Create the listed components as modular, reusable elements.
- Use appropriate libraries and frameworks for styling and state management.