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HACKATHON DAY 4

**BUILDING DYNAMIC
FRONTEND**

COMPONENTS FOR
BANDAGE



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Dynamic Frontend Components for Bandage Marketplace Template

Objective:

On Day 4, participants will concentrate on designing and building dynamic frontend components to showcase marketplace data retrieved from Sanity CMS or APIs. This task highlights the importance of creating modular and reusable components while adopting real-world practices for developing scalable, responsive web applications.

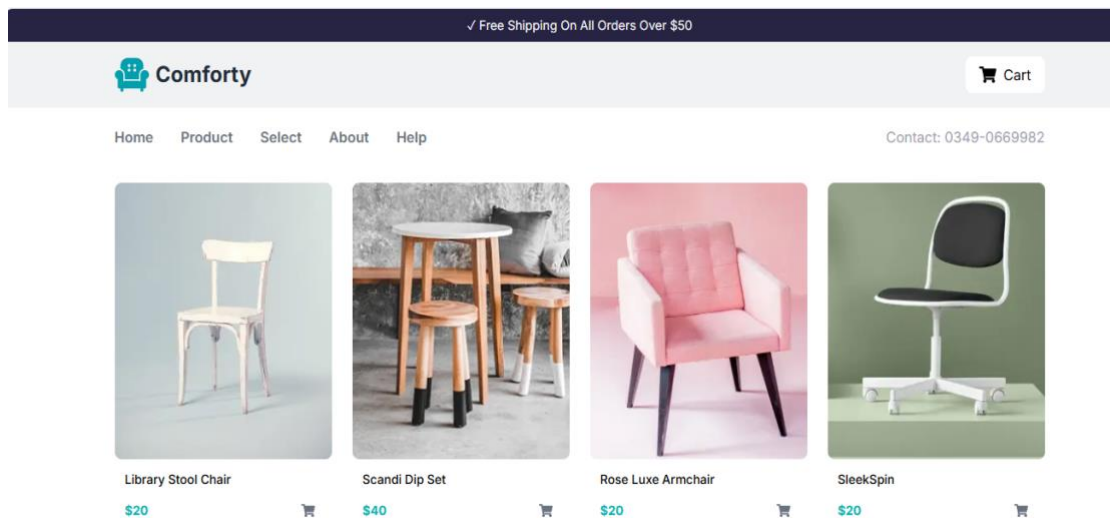
Key Learning Goals:

1. Develop dynamic frontend components that retrieve and display data from Sanity CMS or APIs.
2. Design reusable and modular components to enhance maintainability and scalability.
3. Use state management techniques to handle data flow across components effectively.
4. Prioritize responsive design and apply UX/UI best practices.
5. Gain hands-on experience in professional workflows to prepare for real-world client projects.

Core Components to Develop:

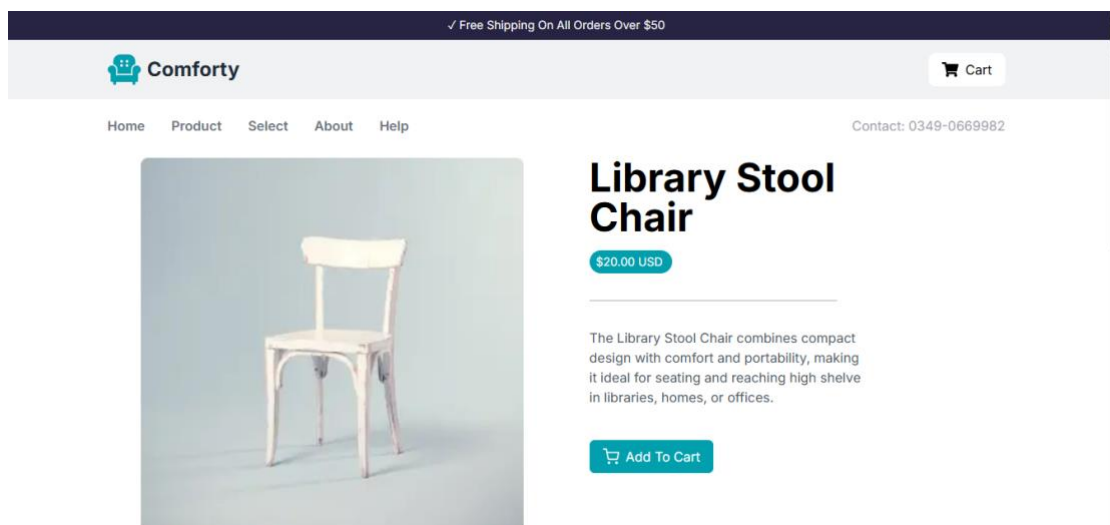
1. PRODUCT LISTING COMPONENT:

1. This component will dynamically present a list of products, including details such as images, availability, descriptions, colors, sizes, ratings, reviews, and categories.
2. Designed for flexibility and reusability, the component will accept data through props.



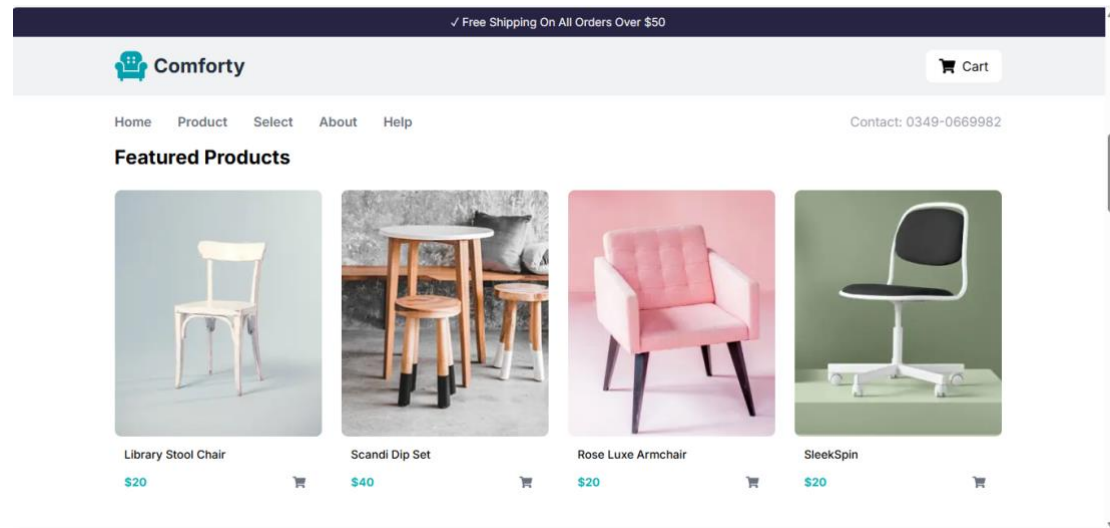
2. Product Detail Component:

1. This component will show detailed information about a single product. It will include information like product image, heading, department, pricing (both original and discounted), and a link to the product's page.



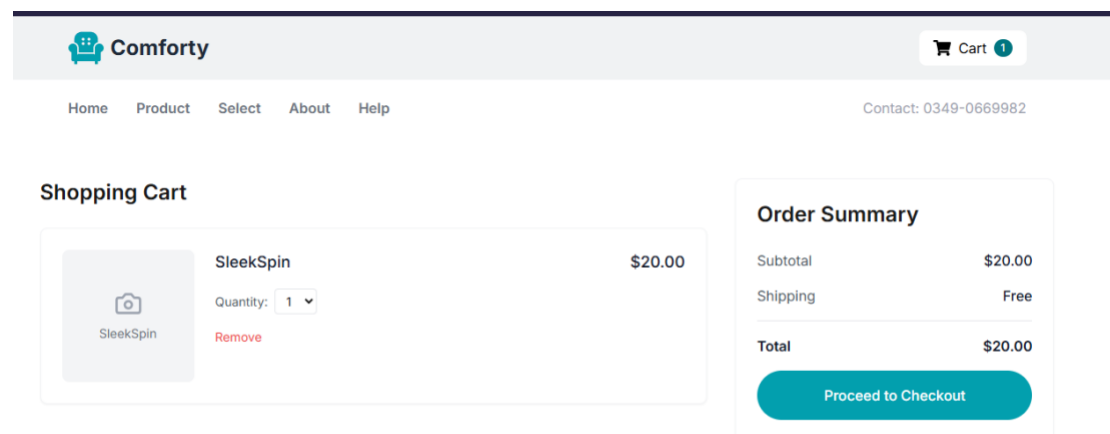
3. Category Component:

1. The category component will filter products based on different categories such as Electronics, Clothing, etc., to enhance user navigation and experience.



4. Cart Component:


1. This component will allow users to add products to their shopping cart, view the items in the cart, and proceed to checkout.



5. Wishlist Component:

1. The wishlist component will allow users to save products for later purchase.

Your Wishlist



Winter Coat
\$3.80
Color: Green
Size: MD

Remove from Wishlist

6. User Profile Component:

1. The user profile component will display the user's personal details, order history, and preferences.

User Profile

Profile Details

Order History

Order History

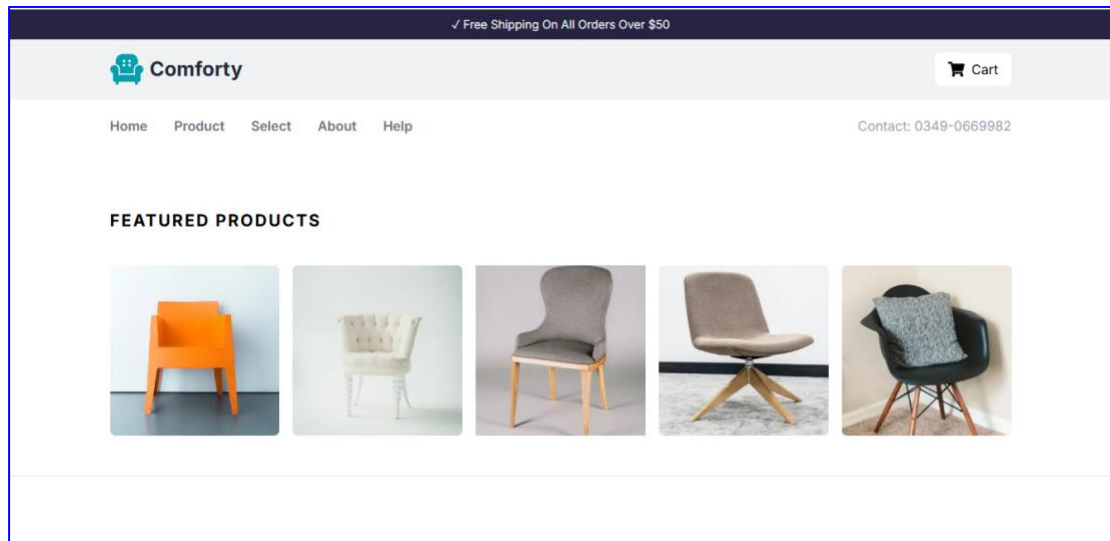
Order ID: ORD12345
Date: 2025-01-01
Status: Delivered
\$99.99

Order ID: ORD67890
Date: 2025-01-15
Status: In Transit
\$49.99

8. Related Products Component:

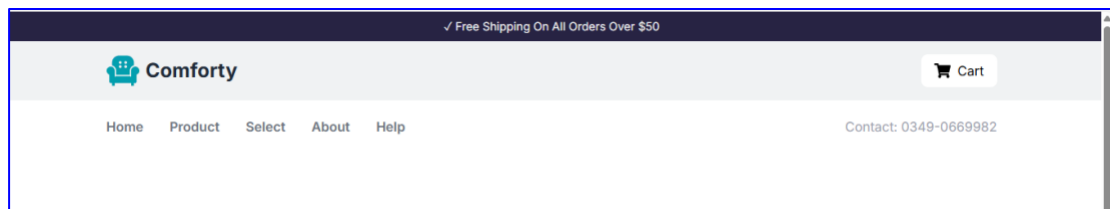
1. The related products component will show products that are similar to

the one the user is viewing, enhancing cross-selling opportunities.



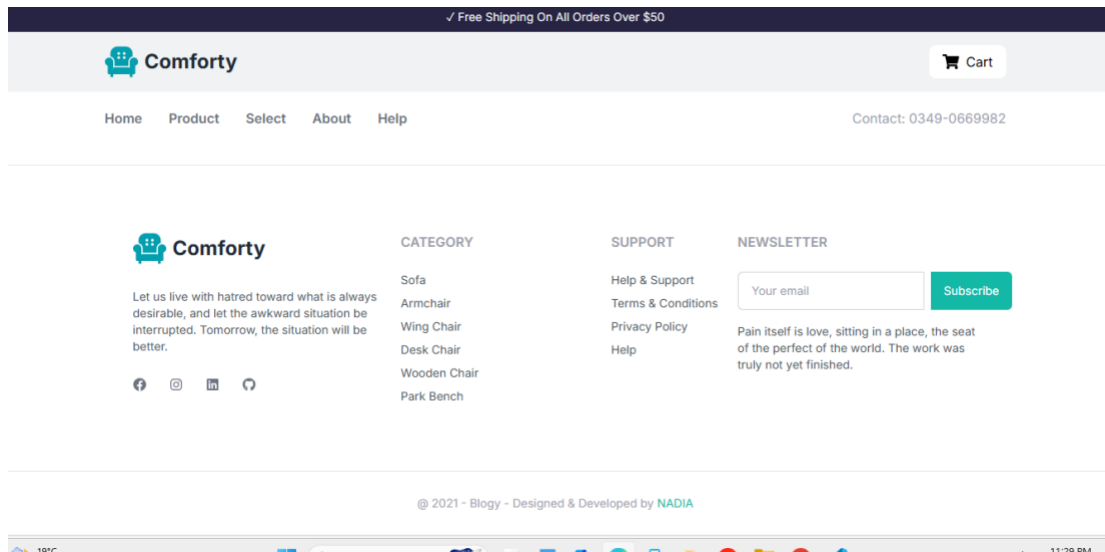
9. Header Components:

1. These will provide navigation links, contact information, and additional utility features throughout the application.



10. Footer Components:

1. These will provide navigation links, contact information, and additional utility features throughout the application.



1. Product Listing Component	✓	6. User Profile Component	✓
2. Product Detail Component	✓	7. Review Ratings Component	✓
3. Category Component	✓	8. Related Products Component	✓
4. Cart Component	✓	9. Header Component	✓
5. Wishlist Component	✓	10. Footer Component	✓
11. Styling and Responsiveness	✓	12. Code Qaulity	✓
Documentation and Submission			✓