***Day 4 Marketplace Template Building Dynamic Frontend***

***Components***

Key Components to Build

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

2. Product Listing Component: This component will display a list of products dynamically. It will include various product details such as image, availability, description, color, size, rate, reviews, and category. The component will be highly reusable and flexible, allowing data to be passed as props.

3. Product Detail Component: 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.

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

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

6. Wishlist Component: The wishlist component will allow users to save products for later purchase.

7. User Profile Component: The user profile component will display the user's personal details, order history, and preferences.

8. Reviews and Ratings Component: This component will enable users to leave reviews and rate products.

9. Related Products Component: The related products component will show products that are similar to the one the user is viewing, enhancing cross-selling opportunities.

10. Footer Components: These will provide navigation links, contact information, and additional utility features throughout the application.

Conclusion: On Day 4, I gained valuable experience in building dynamic frontend components using real-time data fetched from Sanity CMS or APIs. The focus on modularity, state management, and responsive design ensured that the components were scalable and production-ready. By following best practices, I am now equipped to build dynamic and interactive web applications suitable for real-world projects.