Market Place Technial Foundation
Avion

Hackathon Day 4: Building Dynamic Frontend Components For Marketplace

Introduction

Welcome to Avion, your ultimate destination for premium chairs and furniture designed to redefine comfort and elegance in your living spaces. At Avion, we blend craftsmanship and modern aesthetics to offer an extensive collection of furniture tailored to meet your style and functionality needs. From ergonomically designed chairs to luxurious sofas, dining sets, and statement pieces, every product is crafted with attention to detail and high-quality materials. Whether you're looking to elevate your home, office, or outdoor areas, Avion promises durability, sophistication, and exceptional value, ensuring your space reflects your unique taste and personality. Explore Avion today and transform your environment into a haven of style and comfort!

Our popular products
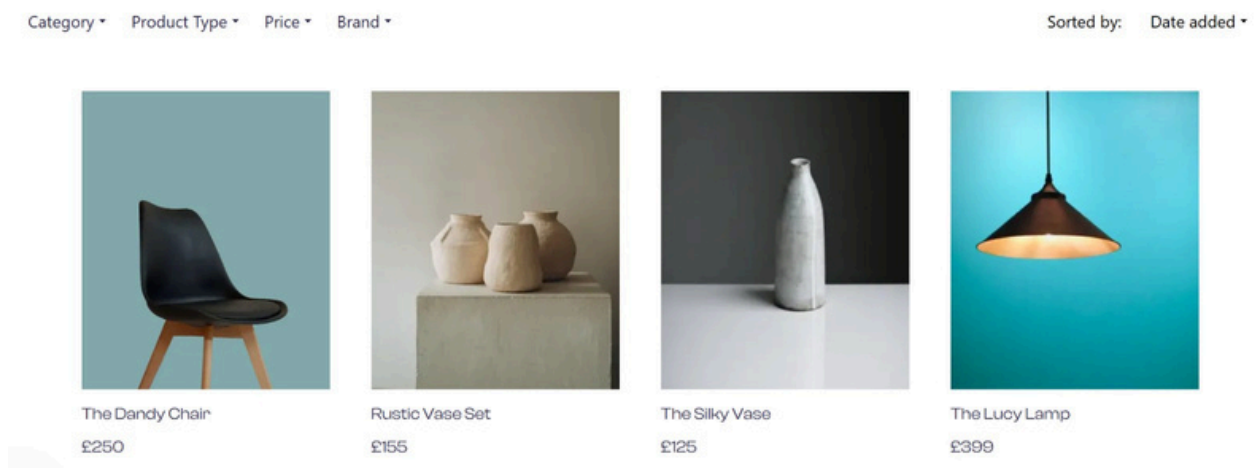
The Poplar suede sofa

£980

The Dandy chair

£250

The Dandy chair

£250

Key Components To Build:

1. Product Listing Component:

The product listing component on the Avion website is built using modern web technologies for a seamless and dynamic user experience. It utilizes React.js for efficient rendering, Tailwind CSS for a responsive and visually appealing design, and Sanity CMS for managing and fetching product data dynamically. Real-time updates and optimized performance are ensured through Next.js API routes, providing users with up-to-date product information and smooth browsing. This robust combination of technologies delivers a fast, user-friendly interface for showcasing Avion's premium chairs and furniture.
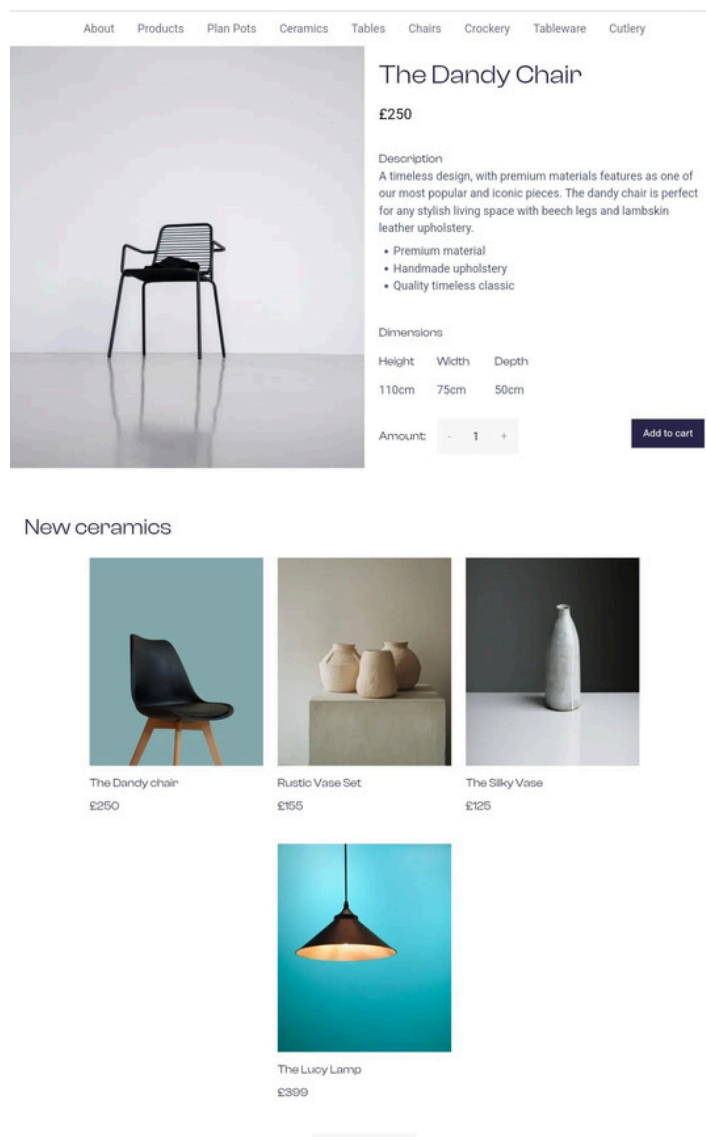
Output Snippet:

2. Product Detail Component:

The product detail component on the Avion website is designed to offer customers an in-depth and engaging view of each furniture item. Built using React.js for dynamic interactivity and styled with Tailwind CSS for a modern and responsive layout, this component ensures a seamless user experience. Integrated with Sanity CMS, it dynamically displays detailed product information, including descriptions, specifications, pricing, and availability. Utilizing Next.js API routes, the component fetches real-time data, ensuring customers always see the most accurate and up-to-date details. This setup provides an immersive and informative experience, helping users make confident purchasing decisions.
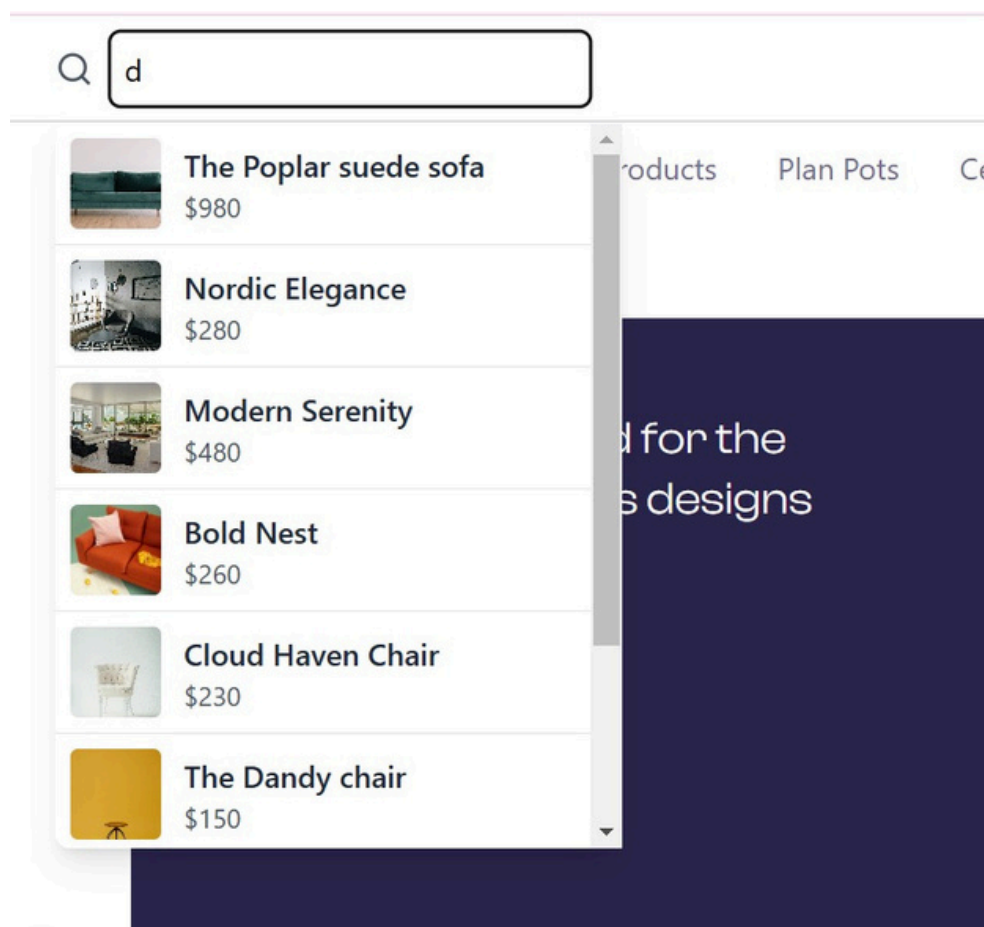
Output Snippet:

3. Search Bar

The search bar on the Avion website is seamlessly integrated with dynamic product data, offering users an intuitive and efficient way to find their desired furniture. Built using React.js and styled with Tailwind CSS, it provides real-time search suggestions powered by Sanity CMS, ensuring accurate and relevant results as users type. With optimized performance through Next.js API routes, the search bar delivers a smooth and responsive experience, allowing customers to quickly explore Avion's premium chairs and furniture collection with ease.

Output Snippet:

4. Shopping Cart:

The shopping cart on the Avion website is crafted to deliver a smooth and efficient user experience for managing selected furniture. Powered by React.js, it ensures dynamic functionality, while Tailwind CSS adds a clean, responsive design. Integrated with Sanity CMS, the cart fetches real-time product details, such as prices and stock levels, ensuring accuracy. Leveraging Next.js API routes, it enables users to easily add, remove, or adjust items with real-time updates to the total cost. This well-optimized system provides a reliable and enjoyable shopping process for all Avion customers.

Output Snippet:

Your Shopping Cart

Product		Quantity	Total
Graystone Vase	A timeless ceramic vase with a tri color grey glaze. £85	1	£85

Final Checklist:

Frontend Component Development	Styling and Responsiveness	Code Quality	Documentation and Submission	Final Review
✔	✔	✔	✔	✔