

Architecture for E-Commerce Furniture Website

Selling best quality furniture

1 . Frontend (Next.js + Tailwind CSS):

- Handles the user interface and responsive design.
- Showcases the product catalog, detailed product pages, and a smooth user experience.

2 . Backend (Next.js API Routes):

- Manages the server-side logic and API endpoints.
- Handles features such as order processing, inventory management, and payment integration.

3 . Authentication (NextAuth.js):

- Provides secure user authentication and session management.
- Supports user account creation, login, and password recovery.

4 . Database (MongoDB Atlas):

- Stores product details, customer information, order history, and other records.
- Ensures data integrity and scalability for growing product inventory.

5 . Hosting (Vercel):

- Ensures fast and reliable deployment of the platform.
- Optimized for speed and global reach, delivering a seamless shopping experience.

6 . Admin Panel (Dashboard):

- Allows administrators to manage products, users, and orders efficiently.
- Includes tools for inventory tracking, sales analytics, and customer support.

