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|               Furniture E-Commerce Store      |
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|                 Start Project                  |
|               Initialization                   |
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|               Set Up Next.js Project               |
|  - Initialize with ‘npx create-next-app‘           |
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|               Install Dependencies                 |
|  - Tailwind CSS                                  |
|  - Axios                                   |
|  - Mongoose                                    |
|  - NextAuth.js                                 |
|  - Stripe API                                 |
|  - Sanity Client Library                        |
|  - React Icons                                 |
|  - React Toastify                               |
|  - React Hook Form                                  |
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|               Configure Tailwind CSS               |
|  - Set up Tailwind in Next.js project              |
|  - Define theme colors                             |
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|               Create MongoDB Database              |
|  - Set up MongoDB Atlas or local MongoDB           |
|  - Connect using Mongoose                          |
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|               Set Up Sanity CMS                  |
|  - Create schemas for Furniture Products and Orders  |
|  - **Product Schema**:                             |
|    {                                       |
|      "productId": "string",                      |
|      "name": "string",                          |
|      "description": "string",                    |
|      "price": "number",                          |
|     "category": "string",                   |
|     "imageUrl": "string",                   |
|     "stock": "number",                      |
|     "dimensions": {                         |
|       "width": "number",                    |
|       "height": "number",                   |
|       "depth": "number"                     |
|     }                                       |
|   }                                         |
| - **Order Schema**:                         |
|   {                                         |
|     "orderId": "string",                    |
|     "customerId": "string",                 |
|     "customerName": "string",               |
|     "customerLocation": "string",           |
|     "items": [                              |
|       {                                     |
|         "productId": "string",              |
|         "quantity": "number",               |
|       }                                     |
|     ],                                      |
|     "totalAmount": "number",                |
|     "paymentStatus": "string",              |
|     "createdAt": "date"                     |
|   }                                         |
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|              Build User Authentication            |
| - Implement registration and login using          |
|   NextAuth.js                                     |
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|              Develop Homepage                     |
| - Displays featured furniture products and categories |
| - Includes search functionality to filter products  |
|   based on categories, material, and price          |
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|              Create Product Page                  |
| - Shows detailed information for each furniture item |
| - Includes product name, price, material,           |
|   dimensions, description, and stock status         |
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|              Implement Cart Functionality         |
| - Users can add, remove, and modify items         |
| - The cart persists user selections until checkout  |
|  - **Stock Management:**                         |
|    - Reduce stock when a product is purchased       |
|    - Notify user of remaining stock                 |
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|               Develop Checkout Process            |
|  - Collect user information and payment details      |
|  - User authentication, order confirmation           |
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|               Implement Order History              |
|  - Customers can view their past orders            |
|  - Includes products purchased, order total,        |
|    and status                                      |
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|               API Endpoints                        |
|  - GET /api/products: Retrieve a list of products   |
|  - GET /api/products/[id]: Retrieve product details |
|  - POST /api/orders: Place an order                 |
|  - GET /api/orders/[id]: Retrieve order details     |
|  - GET /api/users/[id]: Retrieve user profile info  |
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|               Project Completion                   |
| |  This project provides a comprehensive platform for furniture shopping. |
|  The use of Next.js, MongoDB, and Sanity CMS ensures fast performance, easy content management,
and a rich user experience. |
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|                 End Project                        |
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