

Build a simple application using Next.js 15 (App Router). The app will have public and protected pages with basic authentication using NextAuth.js. Users can view a landing page, visit product details, and after logging in, access a protected product management page to add new products.

Core Features to Build

1. Landing Page (/)

- Must include 4 sections: Navbar, Hero, Product Highlights, Footer
- Navigation to login and products
- No authentication required

2. Login with NextAuth (/login)

- Implement social login (e.g., Google) or credential login using NextAuth
- Redirect to /products after successful login

3. Product List Page (/products)

- Publicly accessible
- Fetch and show a list of products from a mock backend or file
- Each product will include: name, description, price, and a details button

4. Product Details Page (/products/[id])

- Show full details of a single product
- Publicly accessible

5. Protected Page: Add Product (/dashboard/add-product)

- Only accessible when logged in
- A form to add a new product and store the product data in database
- Redirect unauthenticated users to login

Optional Enhancements

- Show a loading spinner when submitting forms
- Display toast message on successful product add
- Add a theme toggle (light/dark)

Technologies to Use

- Next.js 15 (App Router)
- NextAuth.js for authentication

- Use Route Handlers (/api) for backend, or simple Express.js server for fetching or creating data