To build a full Next.js test with **authentication** and **product management** (CRUD operations) using API routes, we’ll implement the following:

* **User Authentication**: With Google login via **NextAuth.js**.
* **Protected API Routes**: Using NextAuth’s session handling to protect API routes.
* **Product Management**: CRUD operations with role-based access.

**Full Project Guide**

**Goal**: Build an authenticated product management system where only logged-in users can add, edit, or delete products, and only **admins** can delete products.

**Requirements**

1. **Authentication**: Google authentication with NextAuth.js.
2. **Product API Routes**: CRUD operations (Create, Read, Update, Delete).
3. **Protected Routes**: Only authenticated users can add or edit products, and only admins can delete.
4. **Session Management**: Display user information and role on the homepage.
5. **Role-Based Access**: Only allow users with an "admin" role to delete products.