Full-Stack Development Task

Objective:
Build a web application with role-based login (User, Seller, Admin) using a single frontend. Based on the logged-in role, different functionalities should be available.

Roles & Functionalities:

1. **User Login:**

   o After login, display a list of products.

   o Products should be fetched from the database.

2. **Seller Login:**

   o After login, show a form to add new products.

   o The form should include fields like: Product Name, Description, Price, Image URL, Category, etc.

   o On form submission, the product data should be saved to the database.

3. **Admin Login:**

   o After login, display the following:

   - List of all users

   - List of all sellers

   - Payment details (this can be mocked or shown as a static table for now)

Requirements:

- **Frontend:** React

- **Backend:** Node.js with Express (or any preferred backend)

- **Database:** MongoDB, MySQL, or any other database of your choice

- **Authentication:** Basic login system with role-based access

- Use different dashboards based on the user role after login.

- Payment Gatway: Razorpay, Stripe, or PayPal.

Deliverables:

- Complete source code (GitHub link or ZIP)

- Instructions to run the project locally (README)

- Postman collection (optional but preferred)