**E-commerce platform(5 days)**

Assignment Task: Create a e-commerce management Application using Node and React

**Objective:**

The goal of this assignment is to build an E-commerce application using Node.js for the backend and React.js for the frontend. The challenge is to implement a e-commerce system relying on a RESTful API

Requirements:

1. **Server Setup (Node.js):**

- Create a Node.js server to handle incoming requests.

- Implement RESTful endpoints for user registration, login,add product

- Ensure proper validation and error handling for API requests.

2. **User Authentication:**

- Implement user registration with a unique username and password.

- Provide a login mechanism for users with proper authentication.

- Users should be able to register, log in, and have personalized post feeds.

- Use tokens or sessions for user authentication and authorization.

3. **Product Management (in Admin Panel):**

- admin can login

- admin can create category

- admin will create a product using title, description (contain images) , category.

4. **Product List (in user Panel):**

- users can see admin created product , search, and liked product

6. **Styling and User Experience:**

- Ensure a responsive and user-friendly design for the E-commerce application .

**Additional Considerations:**

- The application should handle concurrent users and scale reasonably.

- Make sure to follow best practices for security, including password hashing, input validation, and secure communication

- Code should be well-organized, modular, and maintainable.

**Submission Guidelines:**

- Submit the codebase along with any necessary configuration files.

- Include a README.md file with instructions for running the application locally.

- Clearly state any dependencies and how to install them (like packages)

- share postman collection and add all related comments to code