Assignment

Build an ecommerce web site with minimum functionality below:

**For customers:**

* Home page: category menu, features products
* View products by category
* View product details
* Product rating
* Register
* Login/Logout
* Optional (shopping cart, ordering)

**For admin:**

* Login/logout
* Manage product categories (Name, Description)
* Manage products (Name, Category, Description, Price, Images, CreatedDate, UpdatedDate)
* Manage customers.

The project should apply as many techniques has been trained as possible and should have unit test. The Unit Test do not need to have a high coverage number but should demonstrate the ability to write unit test for common components, services.

**Backend (APIs)**

SwaggerUI

Spring Boot

Simple JWT

JPA/Hibernate

**Frontend**

React

PostgreSQL

Recommended architecture.

**Scoring portions**

* 10% commit quality: For example, the code should be checked-in everyday, comments of commits, quality of commit history.
* 60% runnable and meet all the requirement.
* 30% beyond runnable: good layout, good code, rich features