Capstone Project – Online\_ShoppingAPP

Technologies: Angular, C# .Net core,SQL Server, WebAPI, Entity Framework, Azure

Duration: 5 Days – Trainer Assisted

Domain: Online-ShoppingAPP

Production Environment : Azure

Create a online ShoppingAPP Single Paged Application, like Amazon, Flipkart, Myntra, Nykaa where

1. customers / users should be able to browse products, search their products by name, categories, between specific range, further, filter by color, brand name, size etc, based on product category.
2. Add products to Cart, remove items from cart, increase/decrease qty, apply coupon code for discount, view breakdown of of the product, note: total for a product should be as below, product price + 18% tax and 40rs delivery charge
3. Customers will have wallet balance, when they are logged in, they can checkout from the cart provided they have valid available balance, when they check out, show they the option of delivery address, make sure they have provided mobile no and email address
4. They can view order history
5. There is a separate admin login, admin can view all the new orders, existing orders, admin can ship the order and modify the order details
6. Admin will add new products, delete products, update products.

Above app is an Angular app, make sure you create a beautiful UI and all the communication to be done usein .net core WebAPI, as angular cannot connect to database.

1. Create a WebAPI application for the above requirements
2. Create a database in SQL Server

Note: Application will be developed locally on use machine, once developed, tested, need to deploy it to Azure environment.

They will use below services

1. Azure SQL Server for database
2. App Service for WebAPI and Angular app hosting
3. Storage account to store images and other files when needed
4. Git Hub for repository management