Capstone Project – Online\_InsuranceAPP

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

Duration: 5 Days – Trainer Assisted

Domain: Online-Insurance

Production Environment: Azure

Create a online Insurance App, Single Paged Application, like PolicyBazar, where

1. customers / users should be able to browse insurance products, search their products by name, categories, between specific range, further, filter by brand name, age etc, based on product category.
2. App will offer below insurances.
   1. Health Insurance
   2. Life Insurance
   3. Car Insurance
3. 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 + 8% tax.
4. User can buy Insurance for 1 year,2 years, 3 years and 5 years, when they do so, they get discount of 5%, 10%, 15% and 20% respectively. Else they pay monthly premieum.
5. Customers will make payment through online banking, (you will create a table separately which will have their bank account details and balance), when they are logged in, they can checkout from the cart provided they have valid available balance, when they check out, make sure they have provided mobile no and email address
6. They can view order history
7. There is a separate admin login, admin can view all the new insurance, existing insurance
8. 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