**Steps taken to do my Assignment E Shopping Cart**

1. Created a .NET CORE Web Application Project and selected the MVC Application Template to start building the project – EshoppingCart.
2. Created models Item.cs and Category.cs with the relevant properties.’
3. Created a Repository folder and created two repositories for the two models created in the previous step.
4. Created Dummy Mocks(MockCategoryRepository.cs and MockItemRepository.cs) in a newly created Mocks folder to provide data to the application using the created Interfaces/Repositories.
5. Added service configurations and implementations for the above created interfaces and dummy mocks in the Configure Services section of the statup.cs file using the AddTransient method.
6. Created the first controller – ItemController.cs and added a method to return all the Items.
7. Created the first view to show the list of Items on the application.
8. Created the ViewModels folder and added the first view model for Items and passed Item content to the List.cshtml template using the ItemController.
9. Added the relevant model link to the \_ViewImports.cs file to import the ViewModels folder when rendering List.cshtml view template and deleted unnecessary imports from the List view template.
10. Added the bower file. Edited the MockItemRepository.cs file and List.cshtml file with correct configurations.
11. Added Bootstrap to List.cshtml and edited the \_Layout.cshtml file accordingly.
12. Installed Microsoft.Extentions.Configuration.Json Package and Microsoft.EntityFrameworkCore.Design Package. Added DbSets to the ApplicationDbContext.cs File.
13. Added a connection string to the Database in the appsettings.json file.
14. Created real Repositories for Item and Category in a new folder called “Repositories” and replaced the Mock repositories in the startup.cs file with the real repositories in the repository folder. (Nothing was changed in the controllers because Interfaces are used to inject, and the dependency injection returns the second parameter from the real repository configuration( In the AddTransient method in startup.cs) )
15. Seeded data to the database using the DbInitializer.cs file created under models folder.
16. Added Partial views for the Items.

**How to use the E Shopping Cart**