Hi,

Thanks for giving opportunity to write this coding test.

Used Environment:

1. Visual Studio 2017 community edition
2. SQL Server 2016 free edition

I created database backup file inside “MyCafe” folder.

I partially implemented this application using .Net MVC5 application. In this implementation I implemented

1. My Café web application
2. Data Model class library to do CURD operation on database by using entity framework 6.0

(Still this class library I can improve by using Repository pattern)

1. I created “Service” class library to implement my business logic. This project I used Interfaces to abstract and easy to extend my business logic
2. I created a “View Model” class library to represent my entity to view. This will help to implement client and server side validation of my view
3. I implemented “MyCafeWeb” Get the data from DB (Controller) and show into UI (View).

Here I am used “Unity” to avid dependency injection. I used Ajax calls to calculate

1. I implemented MyCafeUnitTest project to test Controller and service layers 