**WebAPI**

WebAPI created with data modelling implemented using EntityFramework.

All Source files read and migrated into database using StockSeeder class.

I have created 2 entities class one for Price and one for security. Price contains Alice, Bob and Charlie which will be added as columns under database table name WebAPI.Prices.

During First run All the files were read and uploaded to database localdb if the tables does not exist it will be created during the run. If the tables already exist and not empty data will not be uploaded.

Home Controller class has various functions which are commented , you could uncomment each one to see corresponding results. Most the results for implemented methods are function and viewable in the browser in table datagrid.

I didn’t get a chance to investigate why linq isn’t processing datetime comparison.

Most of the features requested could be added easily under StockRepository class now but unfortunately I have run out of time and still need to do my packing for holidays.

I have added TODO comments on the all changes where there is a scope of improvement and refactoring.

Please feel free to reach out to me if you have any queries. Thanks very much.