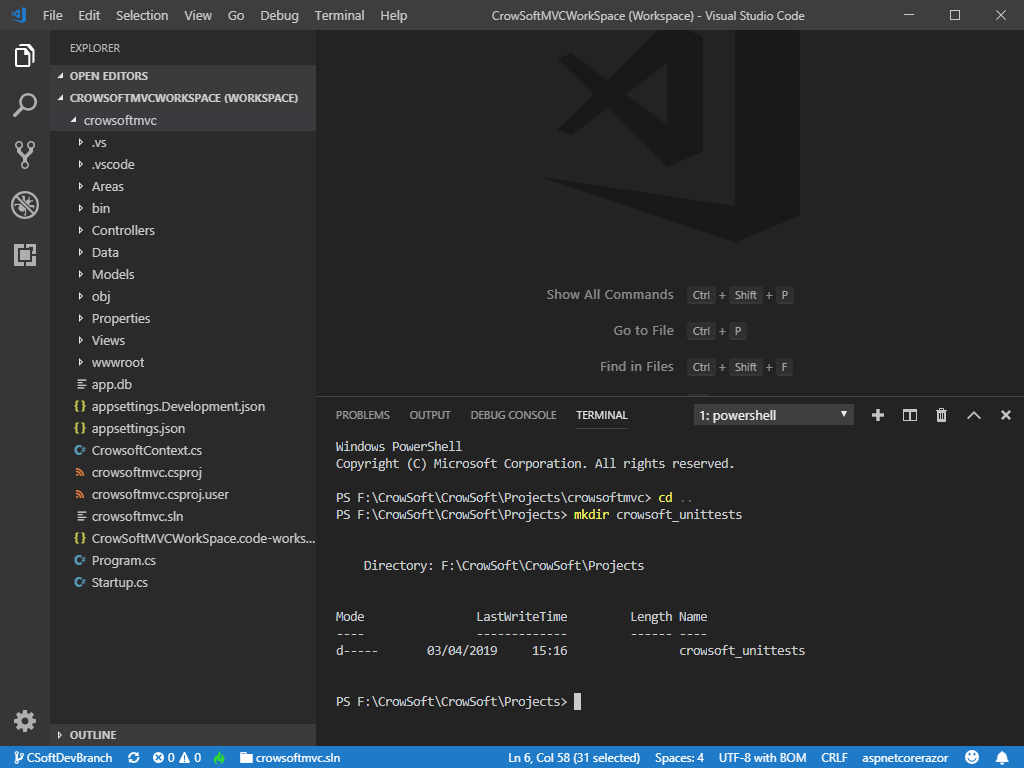
Nunit Tests on Visual Studio Code

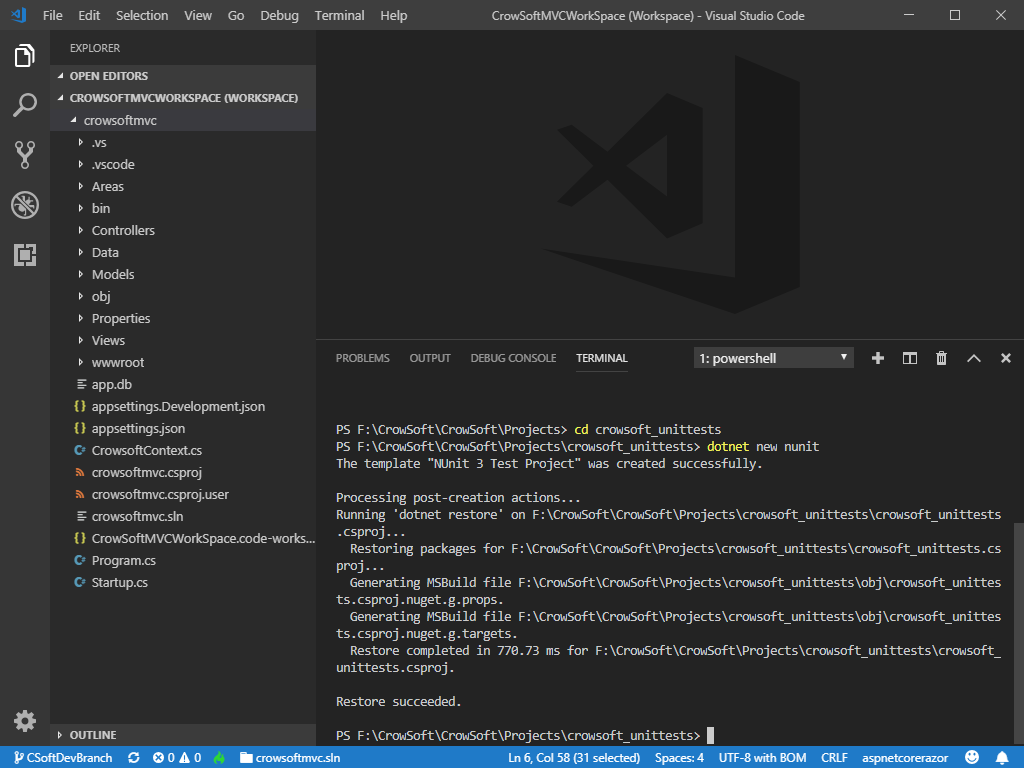
Open Visual Studio Code, and go to your crowsoftmvcworkspace.

Go to terminal, go back one folder to the Project root, then make a new directory, mkdir crowsoft\_unittest

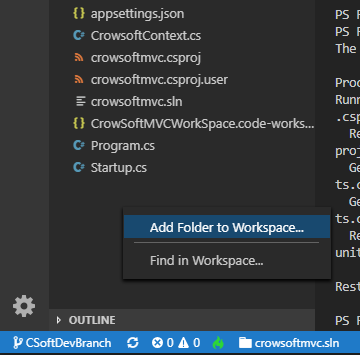


Go into the new directory by using cd

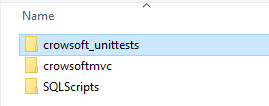
Type ***dotnet new nunit***, and press enter. Note: This will create the project structure for your nunit tests.



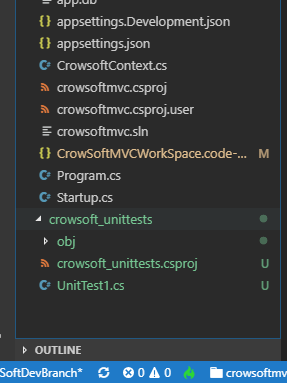
Right click on the open space below the code, then click Add Folder to Workspace.



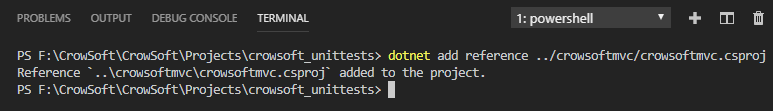
Select your folder, crowsoft\_unittests, and click Add



You can see below, crowsoft\_unittests folder added to your workspace.



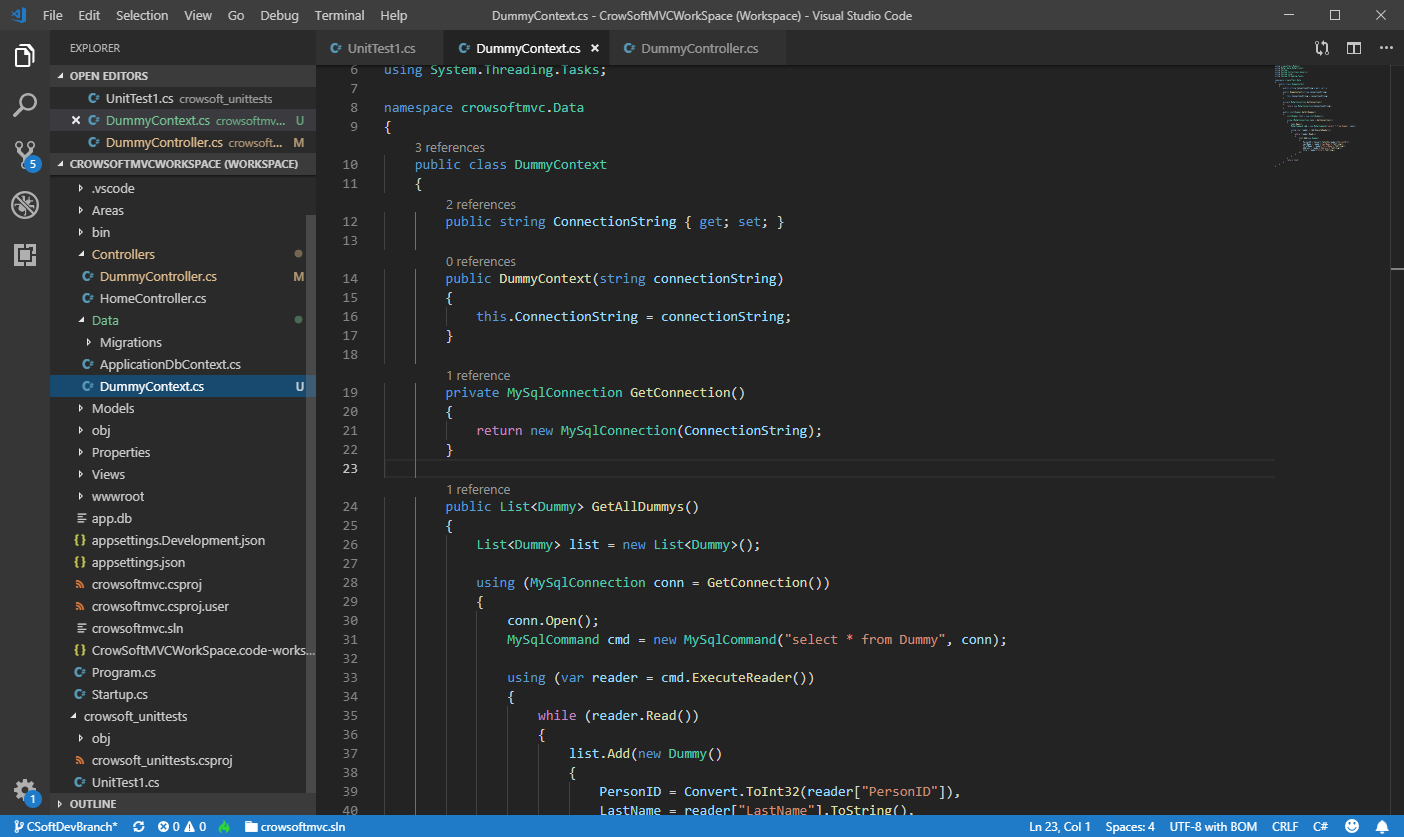
Now we need to reference of our main project to the unit test project.

Open Terminal, and type in the following code and press enter: dotnet add reference ../crowsoftmvc/crowsoftmvc.csproj 

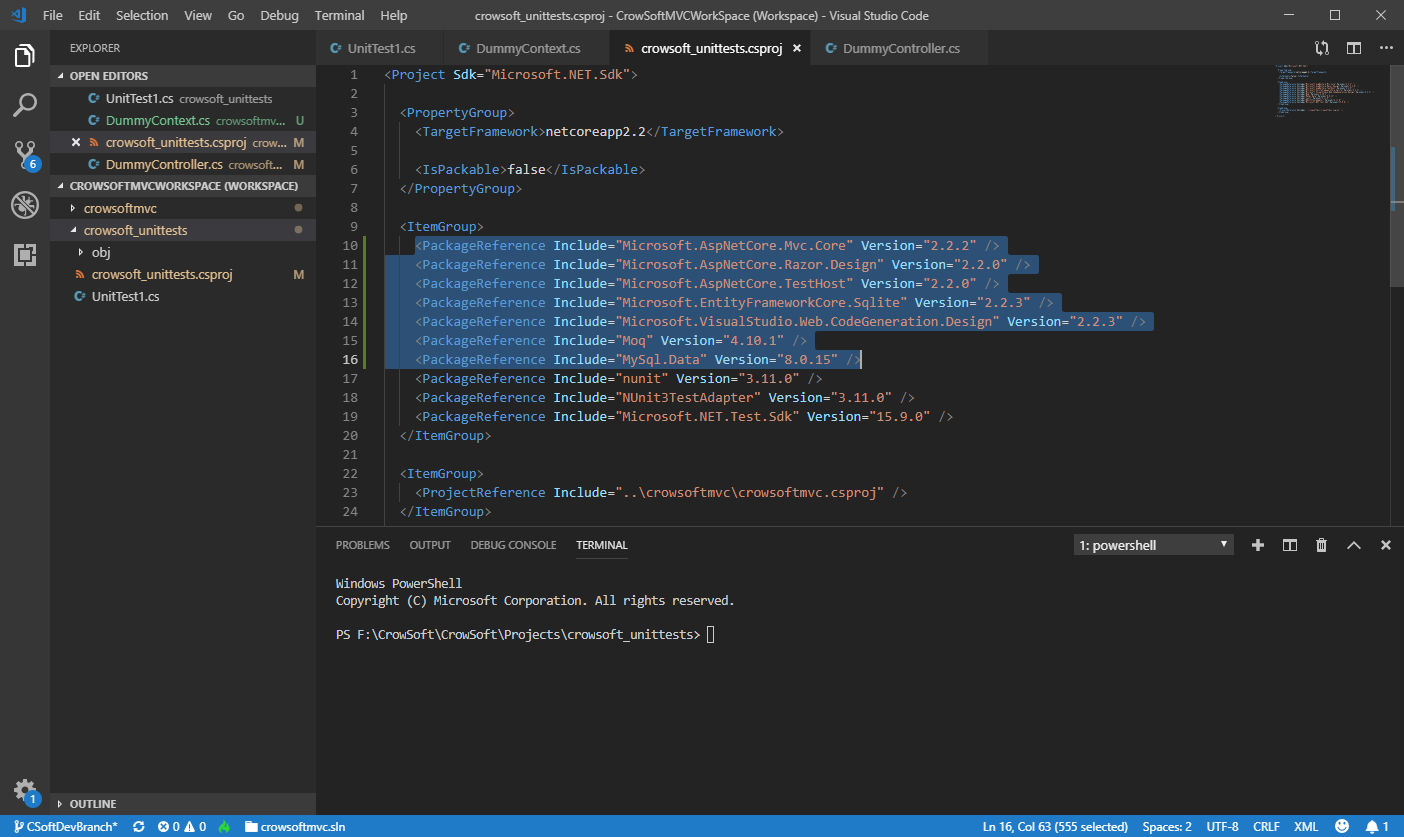
Now the crowsoftmvc.proj is added to the unittests project.

For the unit test to work, I moved and renamed CrowsoftContext to the Data folder and called it DummyContext. The reason for that is because the context is specific to the Dummy table.

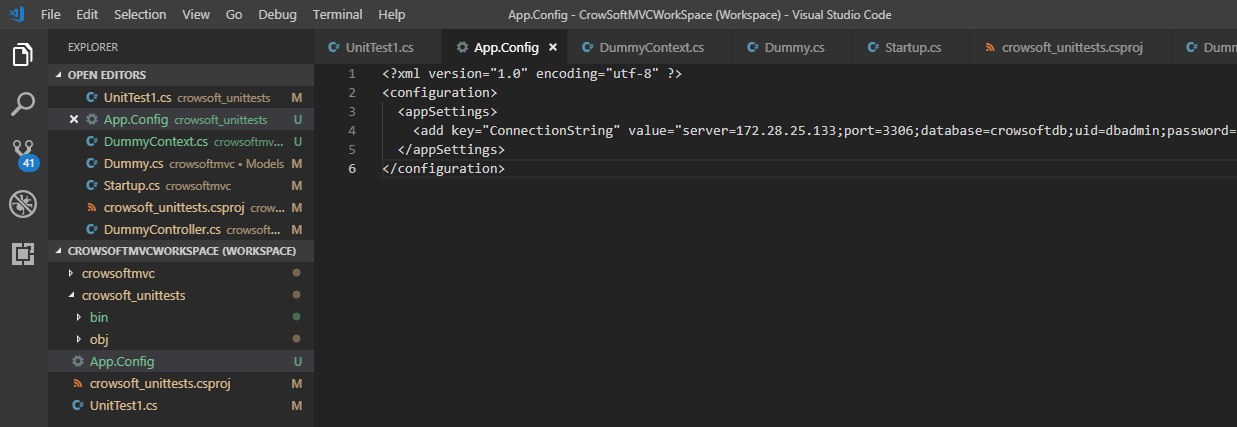
Here is the change below:



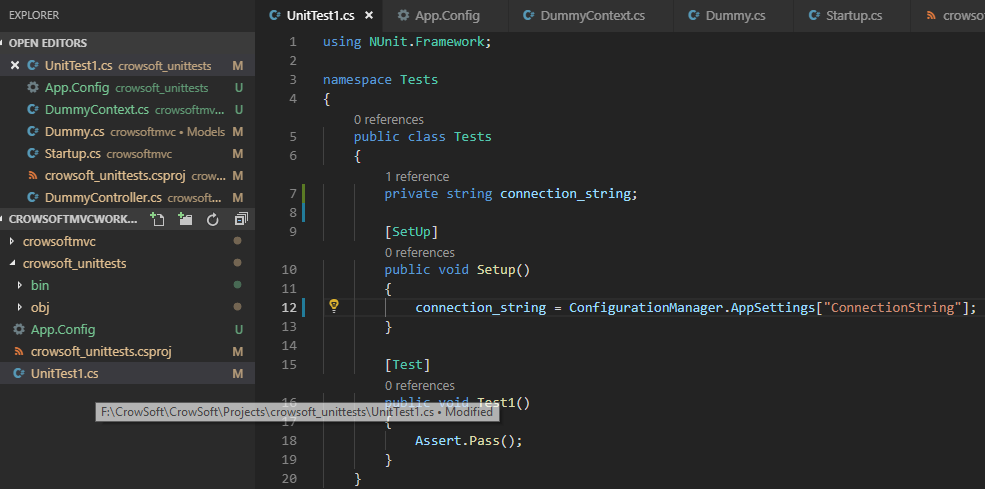
Include the following Package References to your crowsoft\_unittests.csproj file.



Add a App.Config file. This is to reference the connection string for MySQL.



Open UnitTest1.cs, and added connection string code to setup a connection string for all tests.



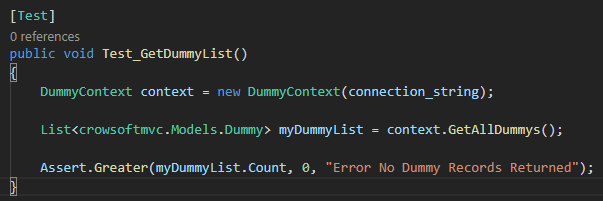
Add the following using statements:

using System.Configuration;

using System.Collections.Generic;

using crowsoftmvc.Data;

Add a new method to test if Dummy records are returned. It should return 2 record, which are Greater than 0.



Open Terminal for crowsoft\_unittests, and type in dotnet test

You should get the following results:

