

In-class Lab 08

ASP.NET Core MVC

1 Beginning the lab

1. To begin, create a new ASP.NET MVC project by selecting New ► Project ► Visual C# ► Web ► .NET Core ► ASP.NET Core Web Application. Name the project SportsStore and save the project to your desired location. See figure 1. Click OK.

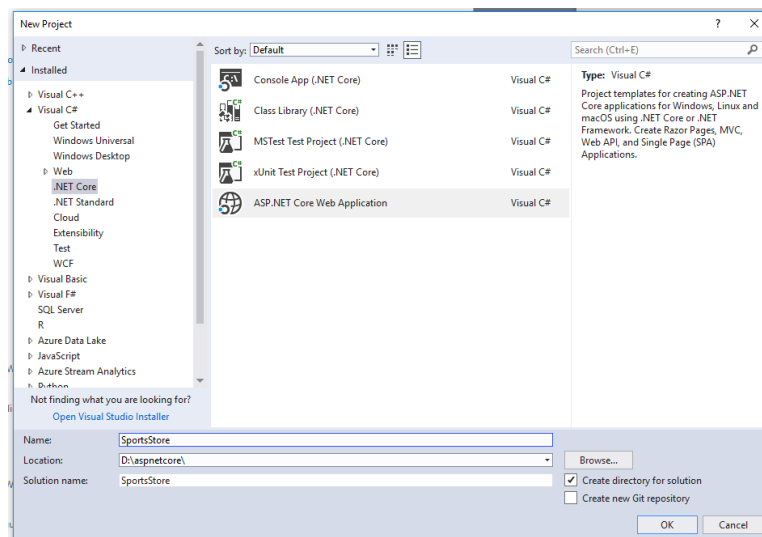


Figure 1: Beginning the tySortsStore application

2. Ensure that .NET Core and ASP.NET Core 2.0 are selected in the top tabs and that the Empty template is selected. See figure 2. Click OK.
3. Create three new folders in the project. Name them Models, Views, and Controllers. See figure 3.
4. Open Startup.cs and edit the file as shown in listing 1.

Listing 1: Edit Startup.cs

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using Microsoft.AspNetCore.Builder;
using Microsoft.AspNetCore.Hosting;
using Microsoft.AspNetCore.Http;
using Microsoft.Extensions.DependencyInjection;
```

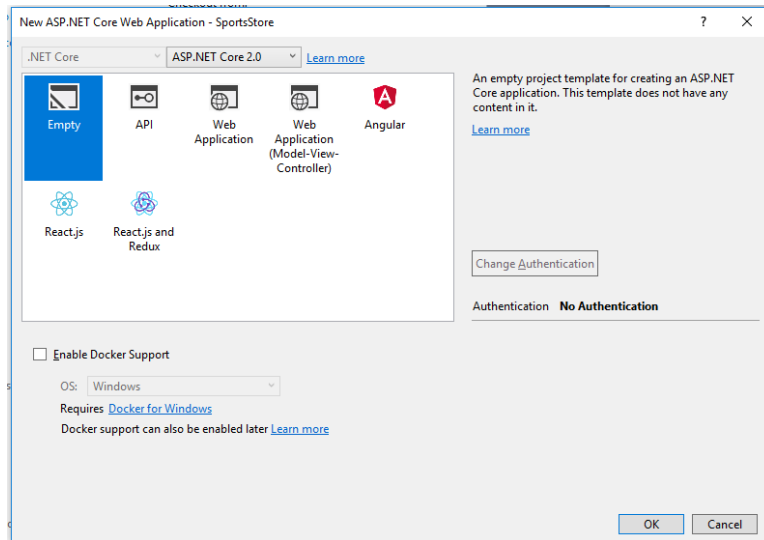


Figure 2: Select the Empty template

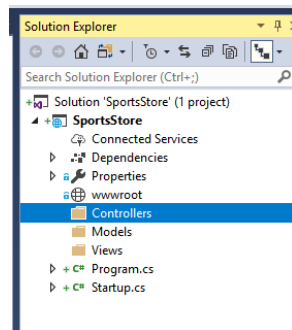


Figure 3: Adding three new folders to project

```
namespace SportsStore
{
    public class Startup
    {
        public void ConfigureServices(IServiceCollection services)
        {
            services.AddMvc();
        }

        public void Configure(IApplicationBuilder app, IHostingEnvironment env)
        {
            app.UseDeveloperExceptionPage();
            app.UseStatusCodePages();
            app.UseStaticFiles();
            app.UseMvc(routes =>
```

```

    {
        }
    };
}
}
}

```

5. Add a `_ViewImports.cshtml` page to the Views folder by right clicking on Views and selecting Add ► New Item ► Web ► ASP.NET ► Razor View Imports. See figure 4. Click Add.

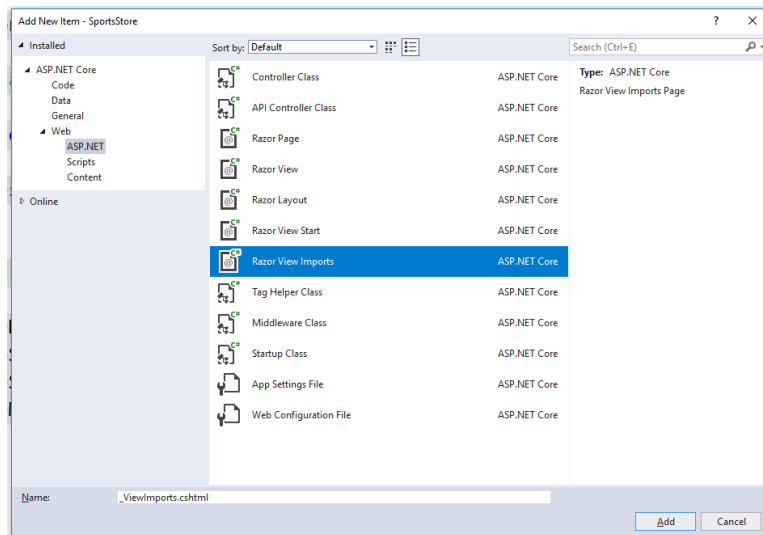


Figure 4: Adding `_ViewImports.cshtml`

6. Edit `_ViewImports` as shown in listing 2.

Listing 2: Editing `_ViewImports.cshtml`

```

@using SportsStore.Models
@addTagHelper *, Microsoft.AspNetCore.Mvc.TagHelpers

```

2 Adding the test project