My solution consists of two projects where one is ASP.NET WebAPI (ProductsDemo folder) whereas other one is ASP.NET MVC application (ProductsUI folder). WebAPI provides endpoints for all CRUD operations and MVC project consumes WebAPI and provides UI pages.

Below are few configurations and required changes needed to run applications:

1. Please change SQL server name in connection string in web.config file present in ProductsDemo\ProductWebAPI folder. Use the server name where DB is hosted in your environment. (Change value in highlighted part below)

<add name="EcommerceDemoEntities" connectionString="metadata=res://\*/ProductModel.csdl|res://\*/ProductModel.ssdl|res://\*/ProductModel.msl;provider=System.Data.SqlClient;provider connection string=&quot;data source=(localdb)\MSSQLLocalDB;initial catalog=EcommerceDemo;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework&quot;" providerName="System.Data.EntityClient" />

1. As my solution is developed using Entity Framework 6.0, please run below SQL command to create Primary key on ProductAttribute table:

*ALTER TABLE [dbo].[ProductAttribute]*

*ADD CONSTRAINT [PK\_ProductAttribute] PRIMARY KEY CLUSTERED*

*(*

*[ProductId] ASC,*

*[AttributeId] ASC*

*)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON)*

*ON [PRIMARY]*

1. Below configuration keys are used in UI application. They are mentioned in web.config file in ProductsUI\ProductsUI folder. Please change its value accordingly:

<add key="ProductsWebAPIBaseURL" value="http://localhost:51340/api/" />

<add key="RowsPerPage" value="5" />

* ProductsWebAPIBaseURL should have value of URL of Web API that will be hosted in your environment. In case you are going to run it on individual/local machine then you just need to change port if you are going to change it from Visual Studio solution.
* RowsPerPage – this indicates records per page being displayed in Products Grid on UI. You can change its value as per your requirement.

Here, first two steps are mandatory change required to successfully run applications whereas last point is mentioned for your specific configurations.