**ASP.NET (Entity Framework) Documentation**

1. **Setting up of the template solution on your Visual Studio**You will clone the solution from github: <https://github.com/dalangobeni/GraduateProgramUIDemo>  
   and open the back-end folder on your Visual Studio
2. **Creating a domain**In the domain folder you add a new public class and then define it’s properties which are going to be reflected as the columns in your table.

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1. **DbContext**

In Data folder navigate to School Context class and add a property with the name of domain class created

* DbSet represents the collection of all entities in the context, or that can be queried from the database, of given type

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1. **DataBase**

To create Database, we use Microsoft Server SQL. Follow the steps on the pictures to create one.

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1. **AppSetting.json(Connection String)**

Navigate to appSetting.json and add a connection string.

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1. **Open Tools > NuGet Package Manager > Package Manager Console**

**-Add migration using the command below**

**>add-migration “migrationName”**

**-Then update DataBase using**

**>update-database**

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1. **Now we can add a controller for a specified Domain class**

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