Assigment

Instructions: Create the database based on the script that is provided.

Visual studio: Tools->NuGet Package Manager->Package Manager Console

Type: update-database

This should create your models.

# Tasks:

* Step 1: Implement **Validations** on **ClientDTO** model, so that Insert and Update methods are correct.
* Step 2: Implement **Validations** on **AccountDTO** model, so that Insert and Update methods are correct.
* Step 3. Write **the automation tests** for the scenarios stated in the **Clients Controller**
* Step 4: Write the **unit tests** for the scenarios stated in the **Clients Repository**
* Step 5: Write the **unit tests** for the scenarios stated in the **Accounts Repository**
* Step 6: Implement **Swagger** and set the endpoints according to swagger documentation.

Tips:

* It is not mandatory but advisable to use any DI framework.
* The Addresses entity is for bonus. If you don’t feel that you have time skip it, Ignore it.
* You can use Automapper for models mapping, or any other.
* You can Use any test framework (MSTest, NUnit, XUnit …).
* You can create migrations, and use Code first approach but it is not mandatory.
* For data layer you can use Entity Framework (EF core) or NHibernate, or not use non at all.

