

CRUD MVC

CrudMvcApi

Nueva base de datos

Seleccionar una página

- General
- Opciones
- Grupos de archivos

Generar script Ayuda

Nombre de la base de datos: CrudMvcApi

Propietario: <predeterminado>

☒ Usar indexación de texto completo

Archivos de la base de datos:

Nombre lógico	Tipo de archivo	Grupo de archivos	Tamaño inicial (MB)	Crecimiento autom
CrudMvcApi	Datos de filas	PRIMARY	3	En 1 MB, sin límite
CrudMvcApi...	Registro	No aplicable	1	En un 10%, sin lím

Conexión

Servidor:
HP-MILTON

Conexión:
sa

[Ver propiedades de conexión](#)

Progreso

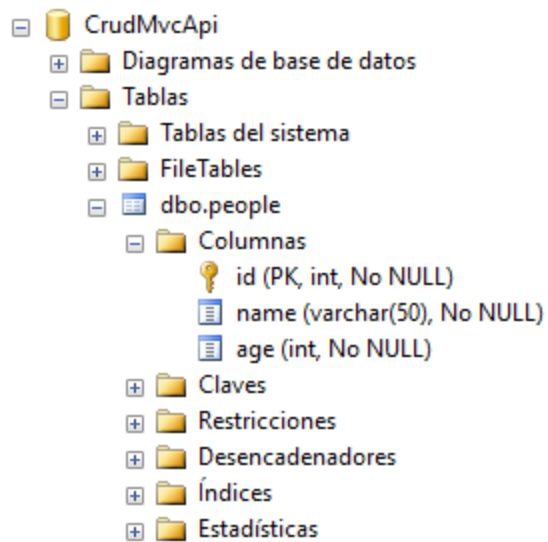
 Listo

Agregar

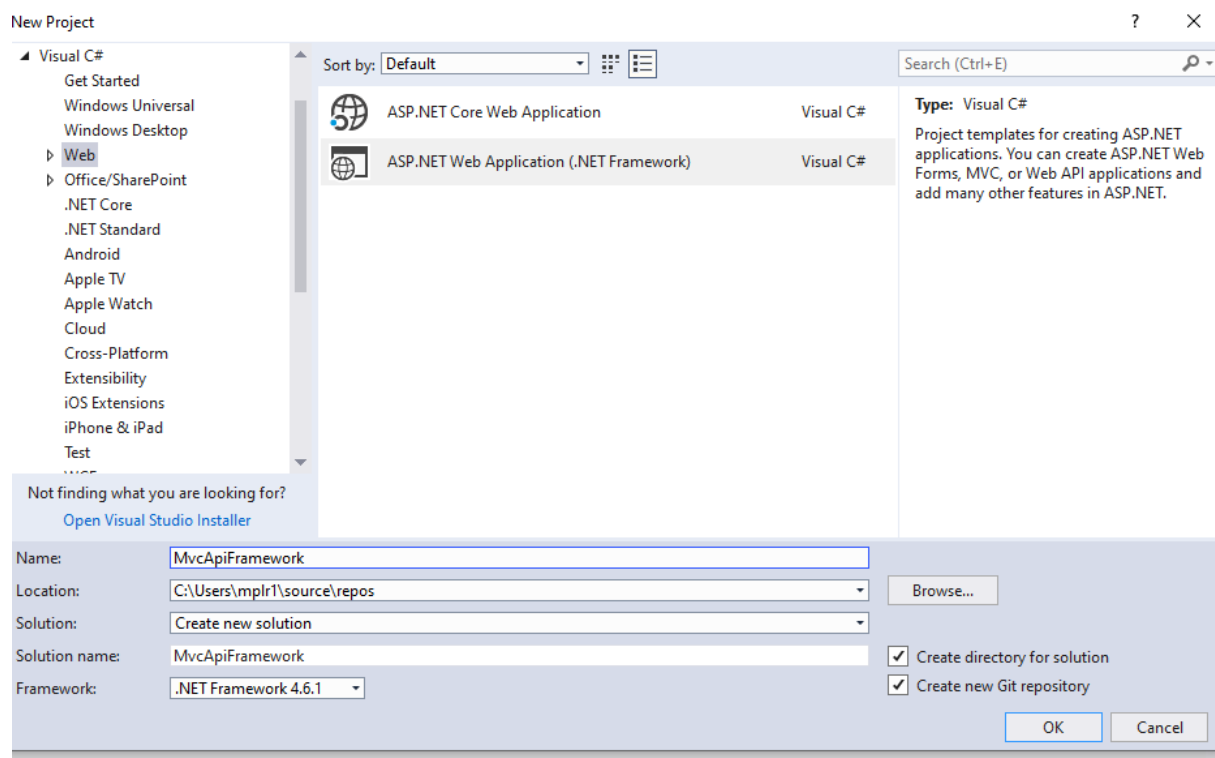
Quitar

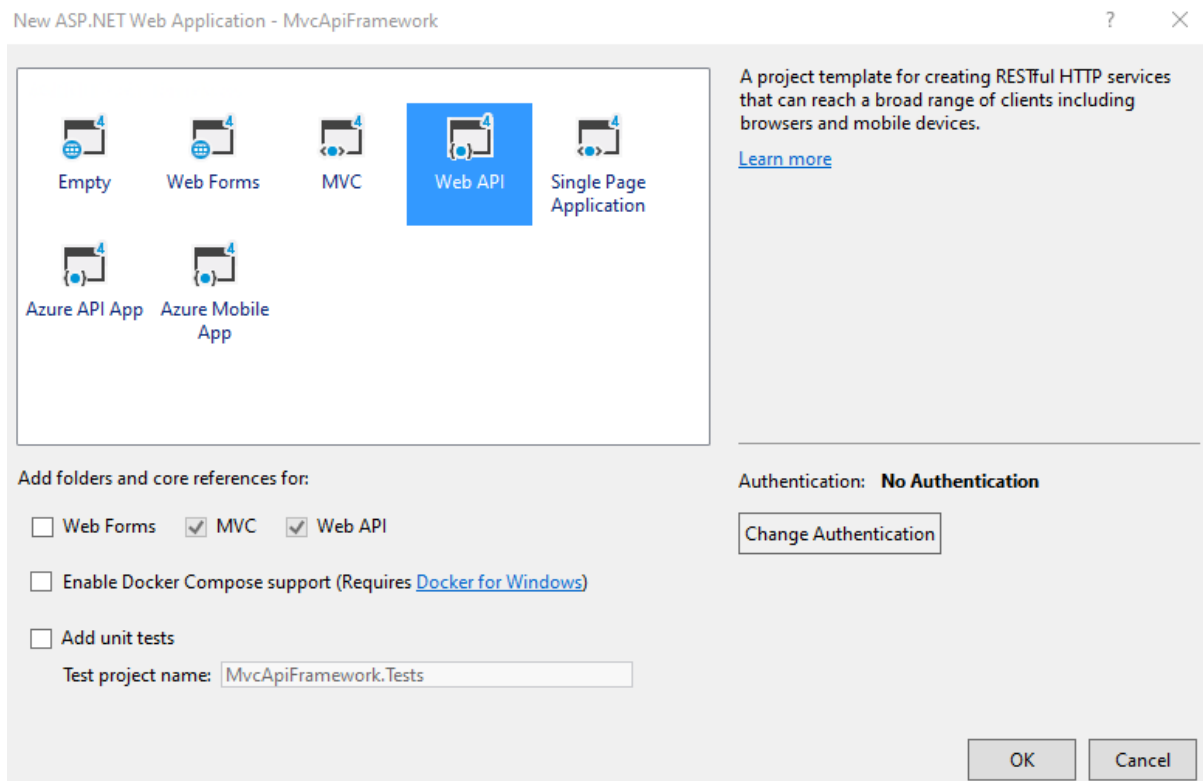
Aceptar

Cancelar



Crear un proyecto entity framework

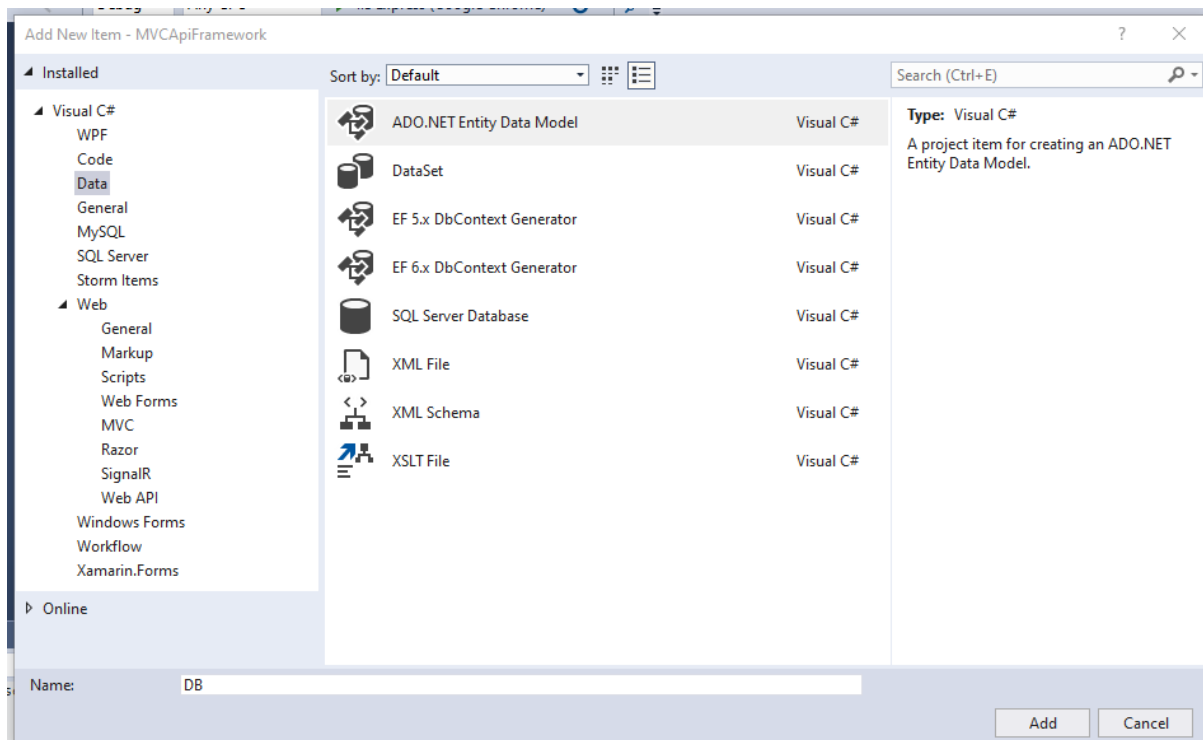




Escoger Api para hacer el servidor web api

Vamos a realizar un mapeo de la base de datos con entity framework

En modelo añadimos un nuevo item, data y le damos un nombre





Choose Model Contents

What should the model contain?

**EF Designer
from
database**Empty EF
Designer
modelEmpty Code
First modelCode First
from
database

Creates a model in the EF Designer based on an existing database. You can choose the database connection, settings for the model, and database objects to include in the model. The classes your application will interact with are generated from the model.

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Finish

Cancel

Escoger desde la base de datos

**Choose Your Data Connection**

Which data connection should your application use to connect to the database?

[New Connection...](#)

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

- ☐ No, exclude sensitive data from the connection string. I will set it in my application code.
- ☐ Yes, include the sensitive data in the connection string.

Connection string:

☒ Save connection settings in Web.Config as:

[< Previous](#)[Next >](#)[Finish](#)[Cancel](#)

Escoger nueva conexión

Connection Properties

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:

Microsoft SQL Server (SqlClient)

Change...

Server name:

HP-MILTON

Refresh

Log on to the server

Authentication: SQL Server Authentication

User name: sa

Password: ●●●●●●●●

☐ Save my password

Connect to a database

☒ Select or enter a database name:

CrudMvcApi

☐ Attach a database file:

Browse...

Logical name:

Advanced...

Test Connection

OK

Cancel

Realizar un test de conexión para verificar que está conectado

Microsoft SQL Server (SqlClient) Change...

Server name:
HP-MILTON Refresh

Log on to the server

Authentication: SQL Server Authentication ▼

User name: sa

Password: ••••••••

☐ Save my password

Connect to a database

☒ Select or enter a database name:
CrudMvcApi

☐ Attach a database file:
Browse...

Logical name:

Advanced...

Test Connection

OK

Cancel

Microsoft Visual Studio

i Test connection succeeded.

Aceptar



Choose Your Data Connection

Which data connection should your application use to connect to the database?

hp-milton.CrudMvcApi.dbo

New Connection...

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

- ☐ No, exclude sensitive data from the connection string. I will set it in my application code.
- ☒ Yes, include the sensitive data in the connection string.

Connection string:

```
metadata=res://*/Models.DB.csdl|res://*/Models.DB.ssdl|
res://*/Models.DB.msl;provider=System.Data.SqlClient;provider connection string="data source=HP-
MILTON;initial catalog=CrudMvcApi;user
id=sa;password=*****;MultipleActiveResultSets=True;App=EntityFramework"
```

☒ Save connection settings in Web.Config as:

CrudMvcApiEntities

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Next >

Finish

Cancel

**Choose Your Version**

Which version of Entity Framework do you want to use?

- ☒ Entity Framework 6.x
- ☐ Entity Framework 5.0



It is also possible to install and use other versions of Entity Framework.
[Learn more about this](#)

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Finish

Cancel



Choose Your Database Objects and Settings

Which database objects do you want to include in your model?

✓ Tables

✓ dbo

✓ people

☐ Views

☐ Stored Procedures and Functions

☐ Pluralize or singularize generated object names☒ Include foreign key columns in the model☐ Import selected stored procedures and functions into the entity model

Model Namespace:

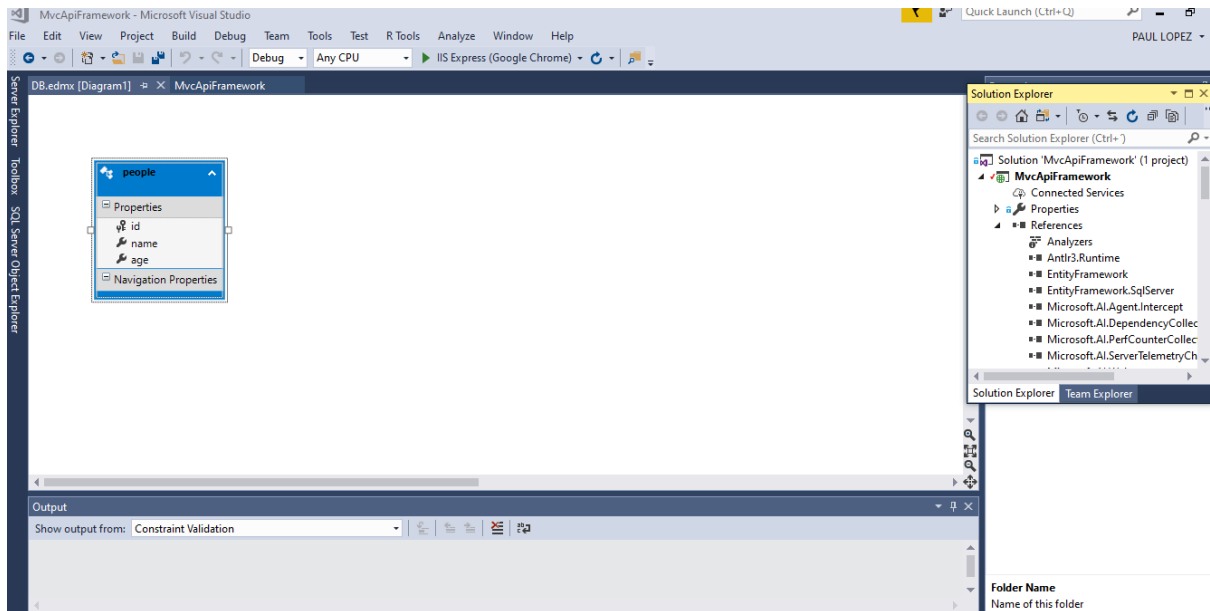
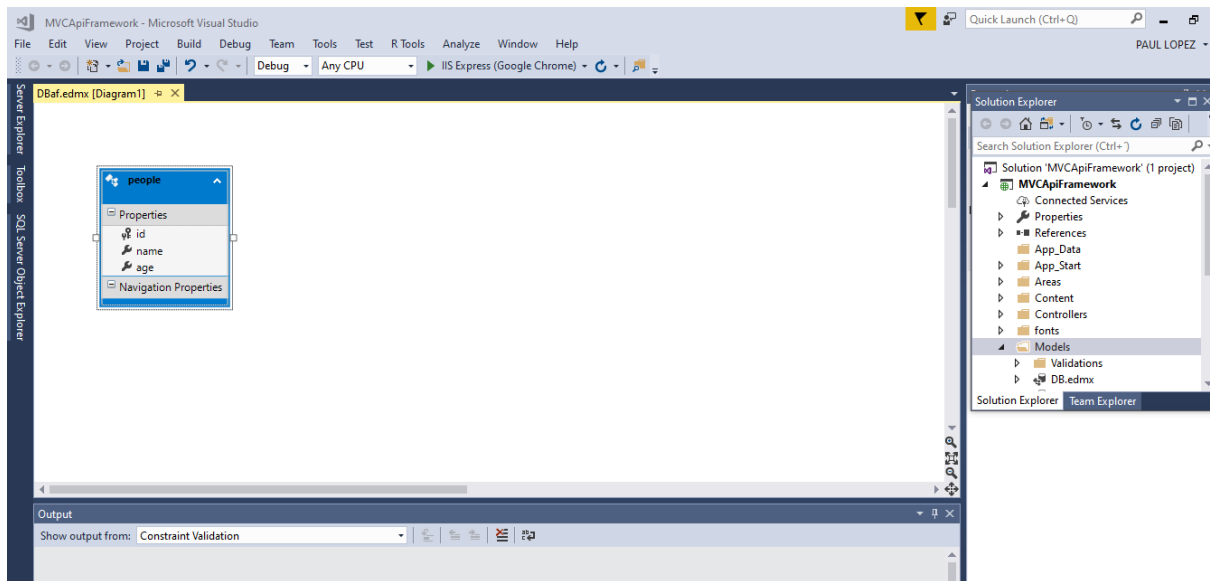
< Previous

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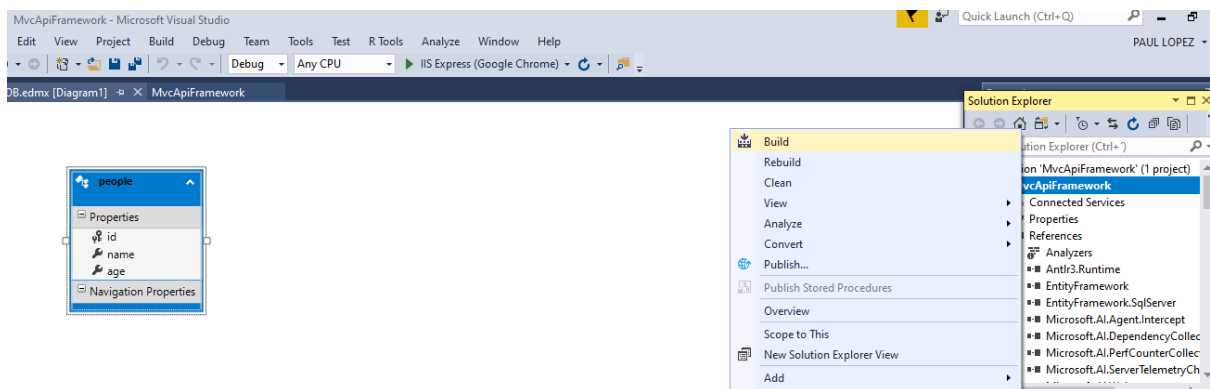
Finish

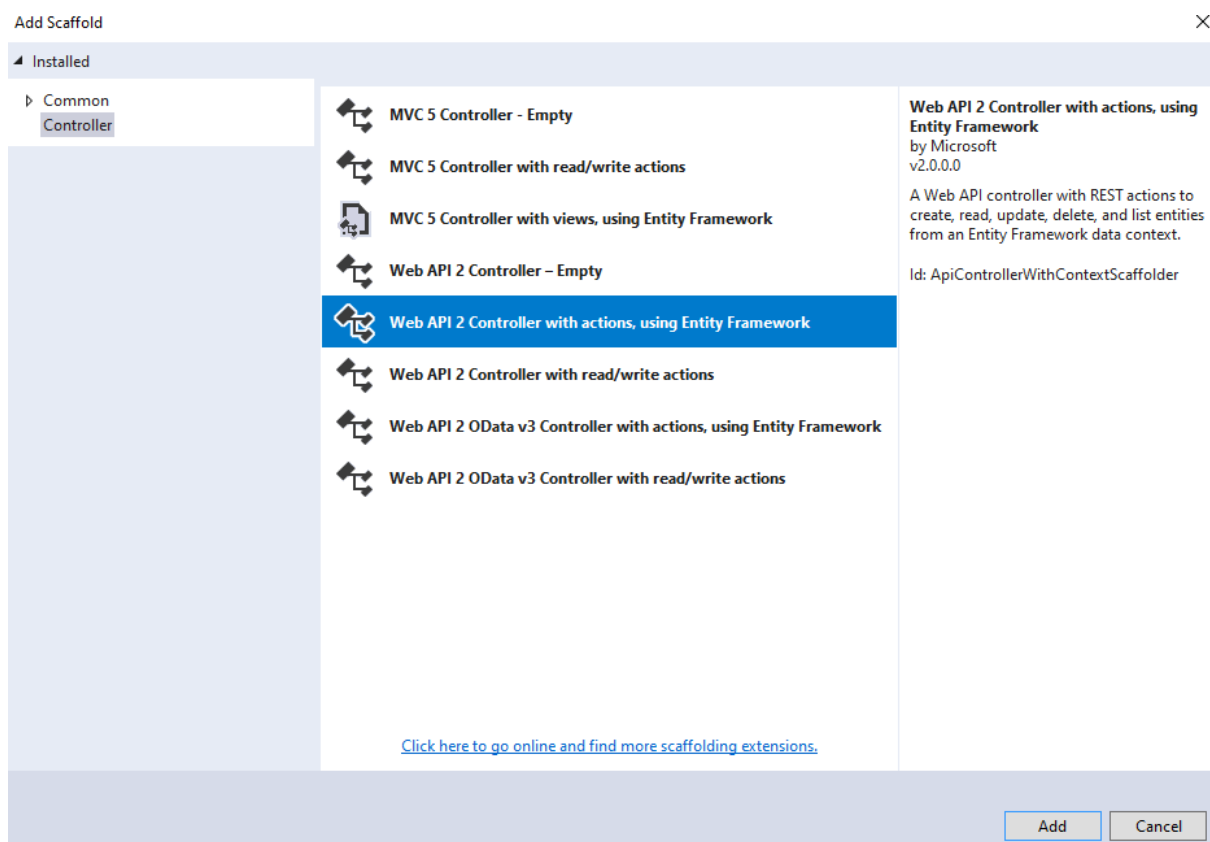
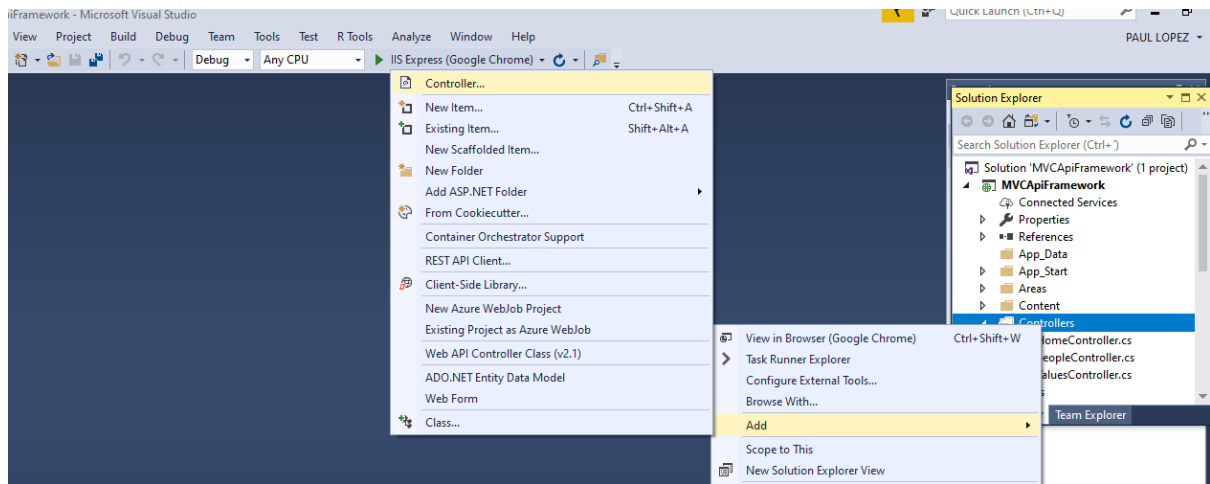
Cancel

Entity framework representa la base de datos por clases que luego serán utilizadas, entonces mapea la base de datos esa es la función



Crear un controlador a través de scaffolding, primero compilar el proyecto





Escoger la clase people que corresponde a la tabla que vamos a crear

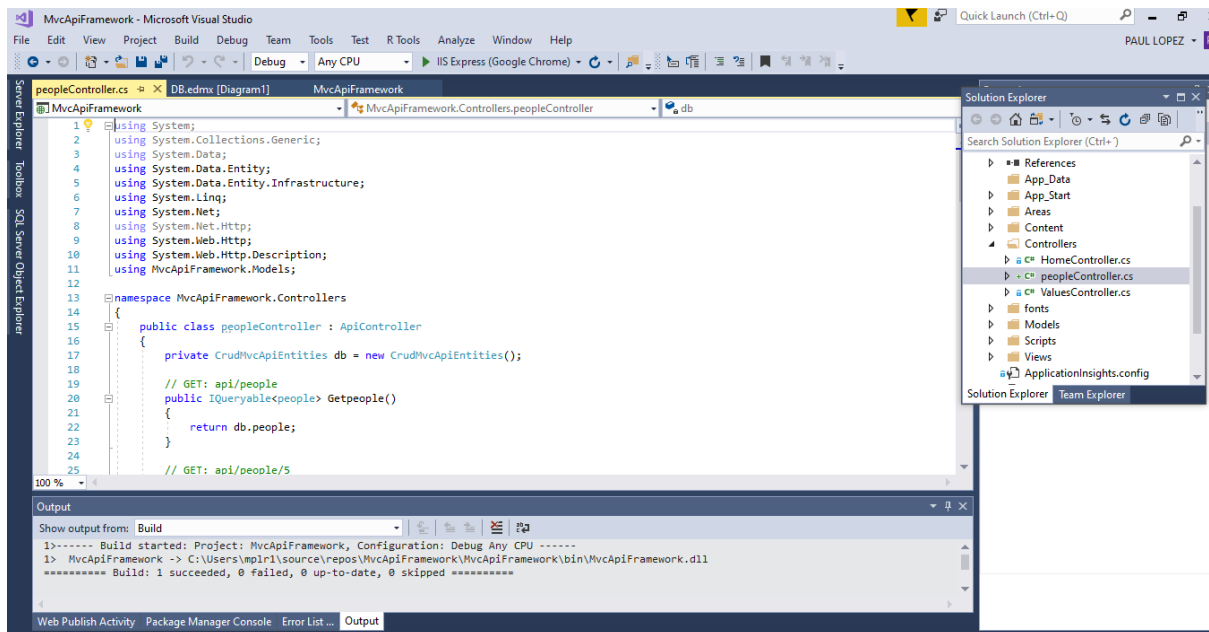
Add Controller [X]

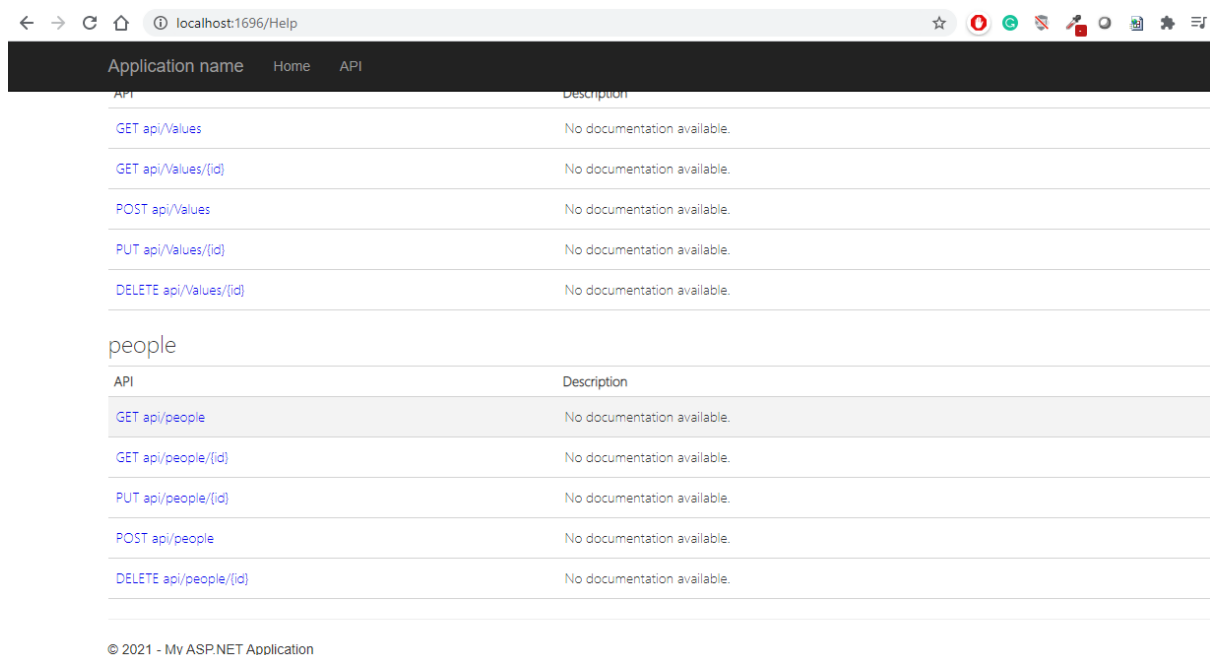
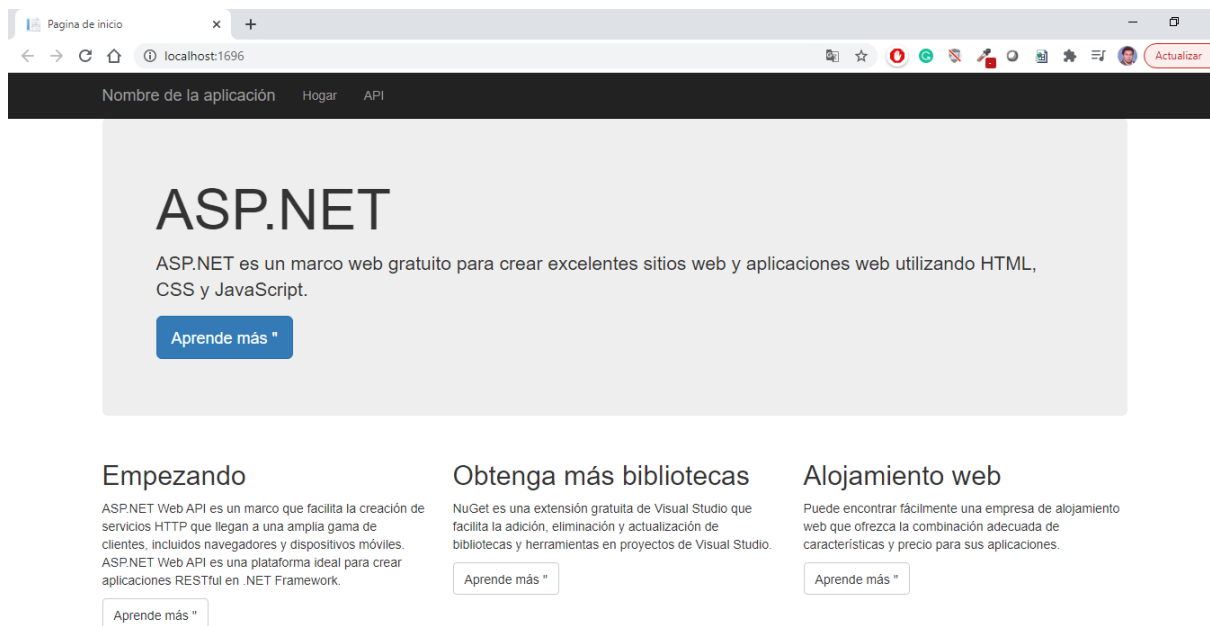
Model class:

Data context class: +

☐ Use async controller actions

Controller name:

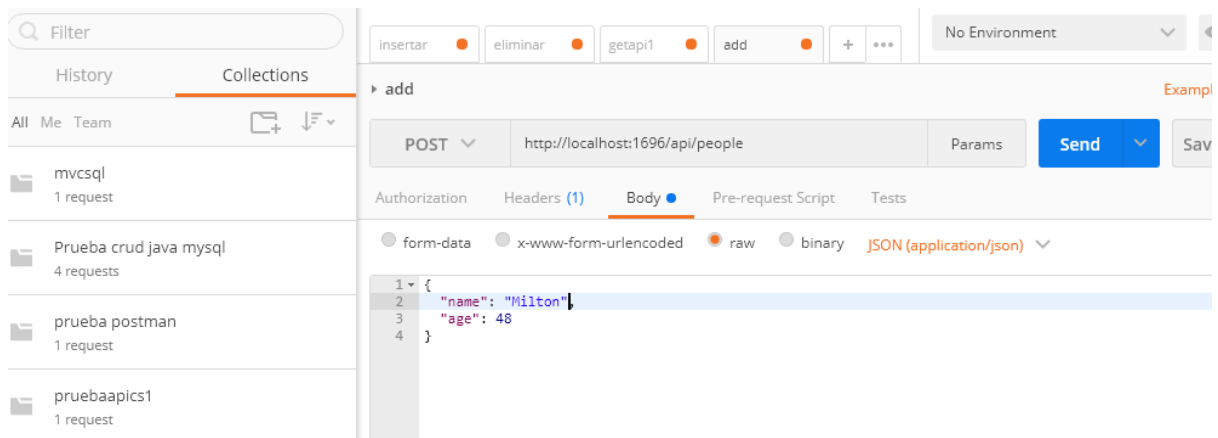
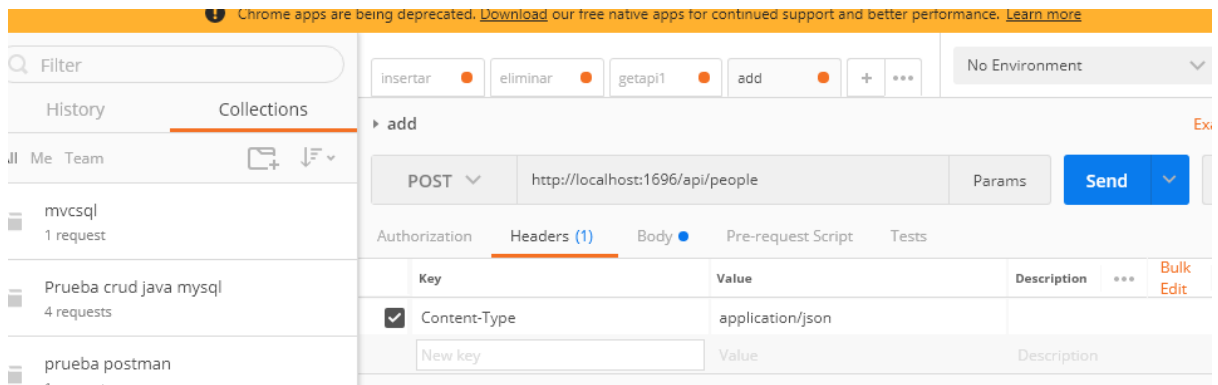




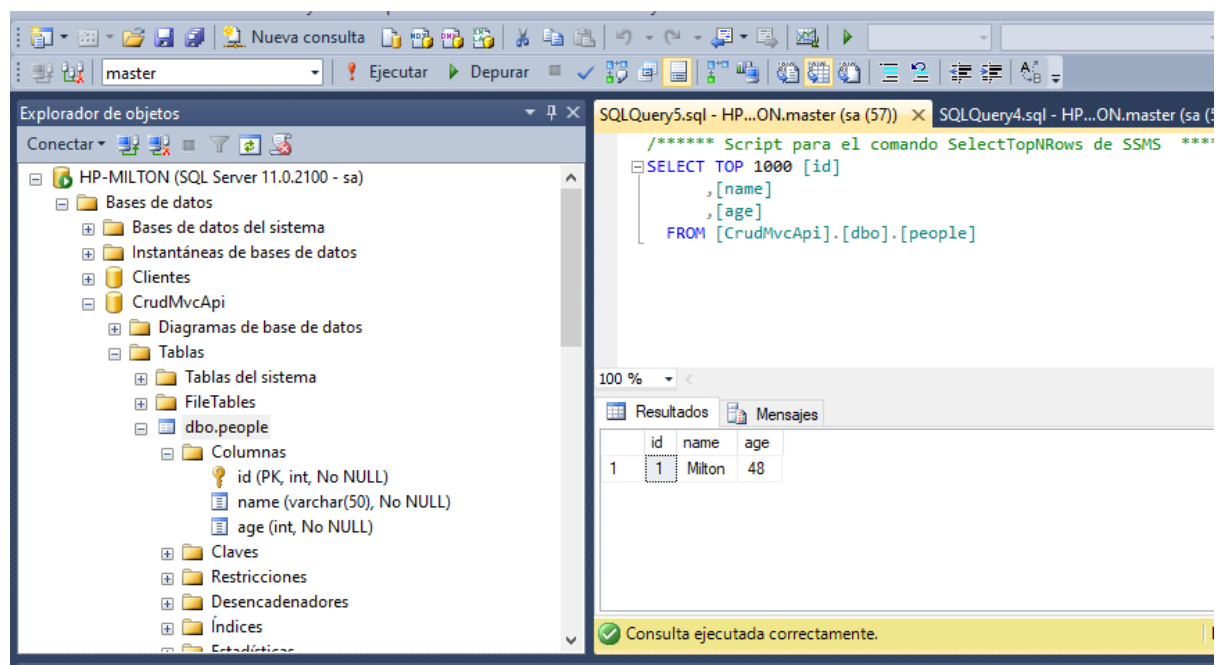
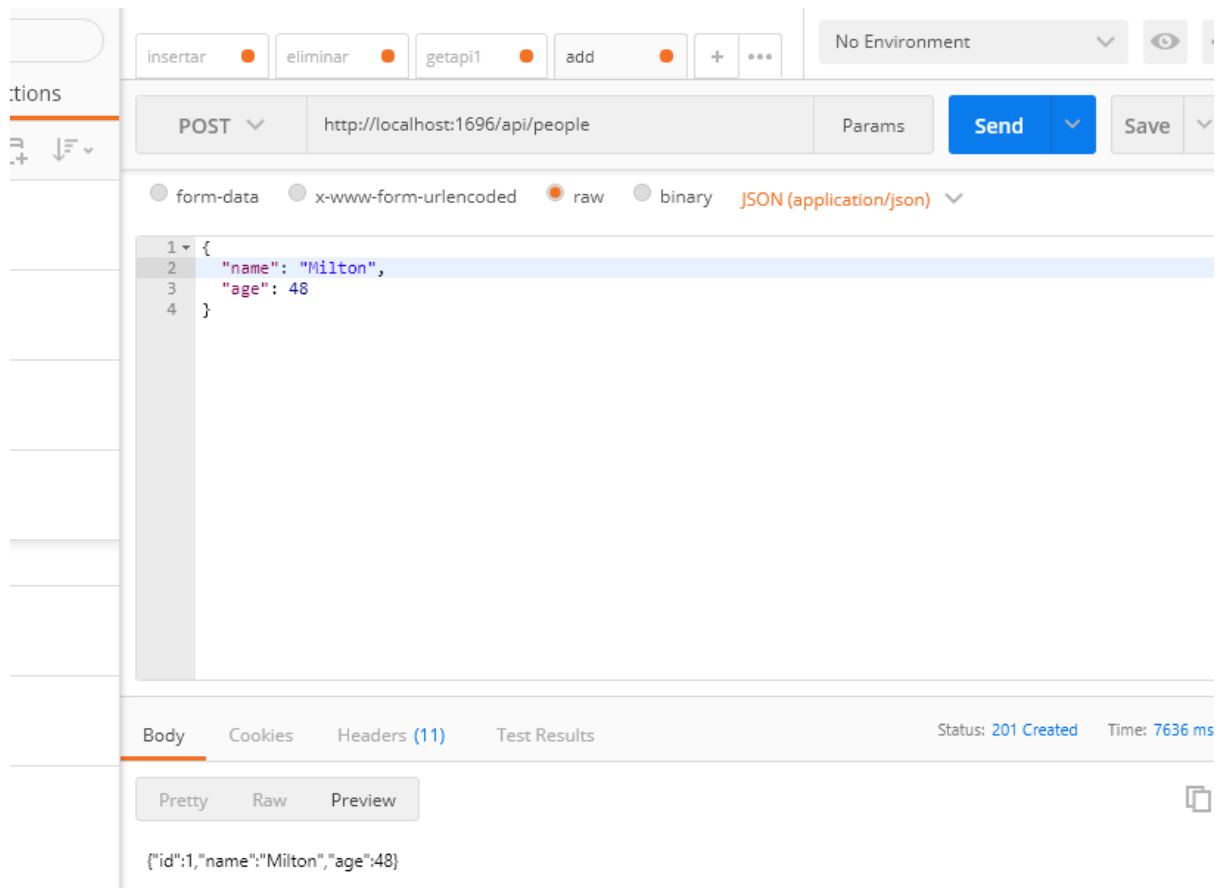
Se observa que ya están los métodos

Aquí indica cual es el camino que vendrá luego de la dirección y el puerto

Probar ingresar un datos desde posma



Luego de enviar se ingresara el registro a la base de datos



Se puede consultar desde postman también

insertar ●eliminar ●getapi1 ●add ●+ ●●●

No Environment ▼👁

GET ▼

http://localhost:1696/api/people

Params

Send ▼

Save

Type

No Auth ▼

Body

Cookies

Headers (10)

Test Results

Status: 200 OK

Time: 725

Pretty

Raw

Preview

📄 Save Respo

[[{"id":1,"name":"Milton","age":48}]]