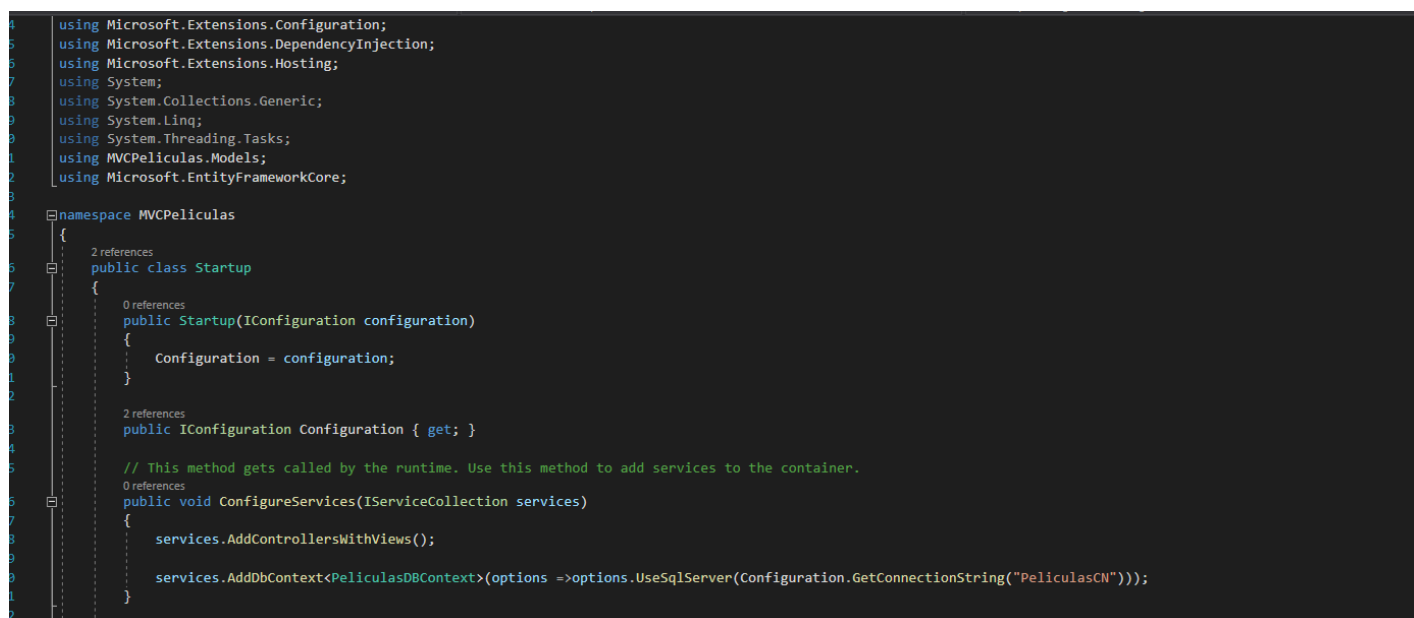
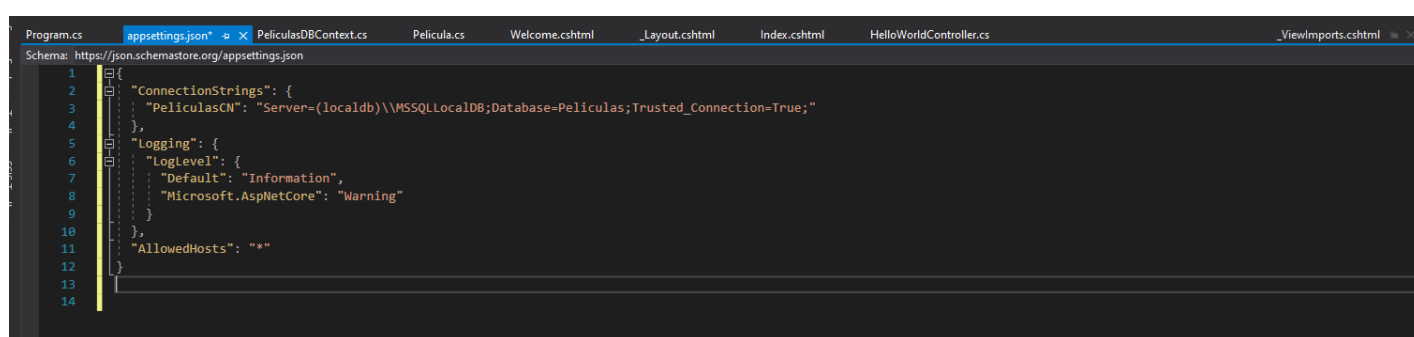
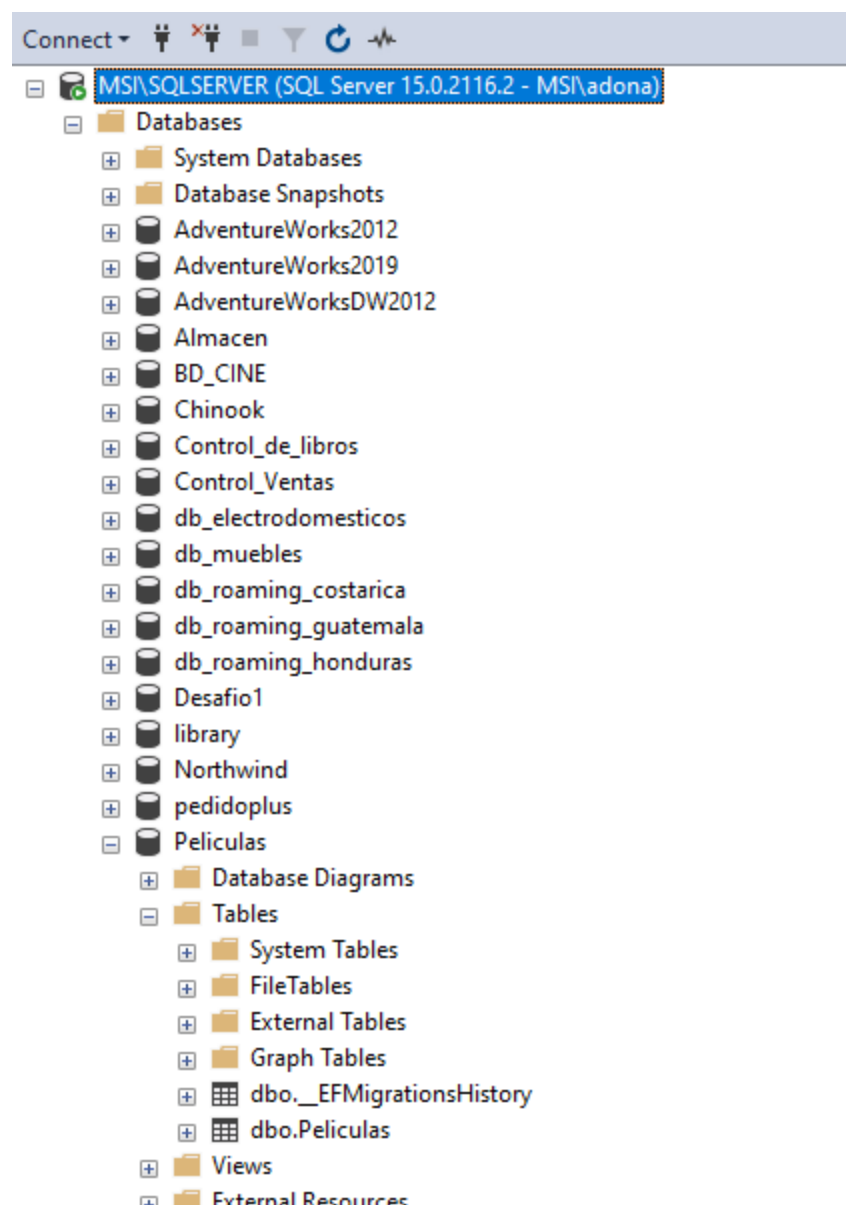


Introducción a ASP.NET MVC -Parte #2

 Fecha	@11 de julio de 2024
---	----------------------



```
20240712003953_Migracion_Inicial.cs Startup.cs MVCPelículas.csproj MVCPelículas Program.cs appsettings.json PelículasDbContext.cs Película.cs Welcome.cshtml _Layout.cshtml
MVCPelículas
1 using System;
2 using Microsoft.EntityFrameworkCore.Migrations;
3
4 namespace MVCPelículas.Migrations
5 {
6     1 reference
7     public partial class Migracion_Inicial : Migration
8     {
9         0 references
10        protected override void Up(MigrationBuilder migrationBuilder)
11        {
12            migrationBuilder.CreateTable(
13                name: "Películas",
14                columns: table => new
15                {
16                    ID = table.Column<int>(type: "int", nullable: false)
17                        .Annotation("SqlServer:Identity", "1, 1"),
18                    Titulo = table.Column<string>(type: "nvarchar(max)", nullable: true),
19                    FechaLanzamiento = table.Column<DateTime>(type: "datetime2", nullable: false),
20                    Genero = table.Column<string>(type: "nvarchar(max)", nullable: true),
21                    Precio = table.Column<decimal>(type: "decimal(18,2)", nullable: false)
22                },
23                constraints: table =>
24                {
25                    table.PrimaryKey("PK_Películas", x => x.ID);
26                });
27        }
28        0 references
29        protected override void Down(MigrationBuilder migrationBuilder)
30        {
31            migrationBuilder.DropTable(
32                name: "Películas");
33        }
34    }
```

```
4 namespace MVCPelículas.Migrations
5 {
6     1 reference
7     public partial class Migracion_Inicial : Migration
8     {
9         0 references
10        protected override void Up(MigrationBuilder migrationBuilder)
11        {
12            migrationBuilder.CreateTable(
13                name: "Películas",
14                columns: table => new
15                {
16                    ID = table.Column<int>(type: "int", nullable: false)
17                        .Annotation("SqlServer:Identity", "1, 1"),
18                    Titulo = table.Column<string>(type: "nvarchar(max)", nullable: true),
19                    FechaLanzamiento = table.Column<DateTime>(type: "datetime2", nullable: false),
20                    Genero = table.Column<string>(type: "nvarchar(max)", nullable: true),
21                    Precio = table.Column<decimal>(type: "decimal(18,2)", nullable: false)
22                },
23                constraints: table =>
24                {
25                    table.PrimaryKey("PK_Películas", x => x.ID);
26                });
27        }
28        0 references
29        protected override void Down(MigrationBuilder migrationBuilder)
30        {
31            migrationBuilder.DropTable(
32                name: "Películas");
33        }
34    }
```

Package Manager Console

Package source: All Default project: MVCPelículas

PM> Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No type was specified for the decimal property 'Precio' on entity type 'Películas'. This will cause values to be silently truncated if they do not fit in the default precision and scale. Explicitly specify the SQL server column type that can accommodate all the values in 'OnModelCreating' using 'HasColumnType()', specify precision and scale using 'HasPrecision()' or configure a value converter using 'HasConversion()'.
Done.
PM>

Connect

MS\SQLESERVER (SQL Server 15.0.2116.2 - MSI\adona)

Databases

System Databases

Database Snapshots

AdventureWorks2012

AdventureWorks2019

AdventureWorksDW2012

Almacen

BD_CINE

Chinook

Control_de_libros

Control_Ventas

db_electrodomesticos

db_muebles

db_roaming_costarica

db_roaming_guatemala

db_roaming_honduras

Desafio1

library

Northwind

pedidoplus

Películas

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.__EFMigrationsHistory

dbo.Películas

Views

External Resources

Introducción a ASP.NET MVC -Parte #2

2

MVCPeliculasMVCPeliculas.Models.PeliculasFechaLanzm

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Threading.Tasks;
5
6 namespace MVCPeliculas.Models
7 {
8     2 references
9     public class Peliculas
10     {
11         0 references
12         public int ID { get; set; }
13         0 references
14         public string Titulo { get; set; }
15         0 references
16         public DateTime FechaLanzmient
```

Peliculas

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.__EFMigrationsHistory

dbo.Peliculas

Columns

ID (PK, int, not null)

Titulo (nvarchar(max), null)

FechaLanzmient

Genero (nvarchar(max), null)

Precio (decimal(18,2), not null)

Director (nvarchar(max), null)

Sala (nvarchar(max), null)

Keys

Constraints

Triggers

110 %

Messages

Commands cc

Completion

17 }
18

110 %No issues found

Package Manager Console

Package source: AllDefault project: MVCPeliculas

+ FullyQualifiedErrorId : CommandNotFoundException

PM> Update-Database -Migration "Migracion_3"
Build started...
Build succeeded.
Done.
PM>

Películas

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo._EFMigrationsHistory

dbo.Películas

Columns

ID (PK, int, not null)

Titulo (nvarchar(max), null)

FechaLanzmiento (datetime2(7), not null)

Genero (nvarchar(max), null)

Precio (decimal(18,2), not null)

Keys

Constraints

20240712003759_StringLength.cs

Película.cs

MVCPelículas

MVCPelículas.Models.Peli

Genero

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

namespace MVCPelículas.Models

{

2 references

public class Películas

{

0 references

public int ID { get; set; }

[StringLength(250)]

[Required]

0 references

public string Titulo { get; set; }

0 references

public DateTime FechaLanzmiento { get; set; }

[StringLength(15)]

[Required]

0 references

public string Genero { get; set; }

1 reference

public decimal Precio { get; set; }

[StringLength(250)]

[Required]

0 references

public string Director { get; set; }

}

}

110 %

No issues found

Ln: 16

Ch: 22

SPC

CRLF

Package Manager Console

Package source: All

+ FullyQualifiedErrorId : CommandNotFoundException

PM> Update-Database -Migration "Migracion_3"

Build started...

Build succeeded.

Done.

PM> Add-Migration StringLength

Build started...

Build succeeded.

An operation was scaffolded that may result in the loss of data. Please review the migration for accuracy.

To undo this action, use Remove-Migration.

PM> Update-Database

Build started...

Build succeeded.

Done.

PM>

dbo._EFMigrationsHistory

dbo.Películas

Columns

ID (PK, int, not null)

Titulo (nvarchar(250), not null)

FechaLanzmiento (datetime2(7), not null)

Genero (nvarchar(15), not null)

Precio (decimal(18,2), not null)

Director (nvarchar(250), not null)

Keys

Constraints

Genero.cs* Pelicula.cs 20240712005406_Spe...ecimalPrecision.cs 20240712005059_Peli...ol_Director_Sala.cs

MVCPeliculas MVCPeliculas.Models.Genero

```
1 using System;
2     using System.Collections.Generic;
3     using System.Linq;
4     using System.Threading.Tasks;
5
6     namespace MVCPeliculas.Models
7     {
8         1 reference
8         public class Genero
9         {
10             0 references
10             public int id { get; set; }
11             0 references
11             public string Nombre { get; set; }
12             //Propiedad de navegacion
13             0 references
13             public ICollection<Peliculas> Peliculas { get; set; }
14         }
15     }
16
```

Genero.cs* Pelicula.cs 20240712005406_Spe...ecimalPrecision.cs 20240712005059_Peli...ol_Director_Sala.cs PeliculasDBContext.cs

MVCPeliculas MVCPeliculas.Models.PeliculasDBContext Generos

```
7 namespace MVCPeliculas.Models
8 {
9     10 references
9     public class PeliculasDBContext : DbContext
10     {
11         0 references
11         public PeliculasDBContext(DbContextOptions<PeliculasDBContext> options) : base(options)
12         {
13         }
14
15         0 references
15         public DbSet<Peliculas> Peliculas { get; set; }
16         0 references
16         public DbSet<Genero> Generos { get; set; }
17
18         0 references
18         protected override void OnModelCreating(ModelBuilder modelBuilder)
19         {
20             base.OnModelCreating(modelBuilder);
21
22             modelBuilder.Entity<Peliculas>(entity =>
23             {
24                 entity.Property(e => e.Precio)
25                     .HasColumnType("decimal(18, 2)"); // or use .HasPrecision(18, 2) if using EF Core 5.0 or later
26             });
27         }
28     }

```

```
2
3 namespace MVCPeliculas.Migrations
4 {
5     1 reference
5     public partial class Peliculas_FK_Genero : Migration
6     {
7         0 references
7         protected override void Up(MigrationBuilder migrationBuilder)
8         {
9             migrationBuilder.AlterColumn<string>(
10                 name: "Genero",
11                 table: "Peliculas",
12                 type: "nvarchar(max)",
13                 nullable: true,
14                 oldClrType: typeof(string),
15                 oldType: "nvarchar(15)",
16                 oldMaxLength: 15);
17
18             migrationBuilder.AddColumn<int>(
19                 name: "GeneroId",
20                 table: "Peliculas",
21                 type: "int",
22                 nullable: false,
23                 defaultValue: 0);
24
25             migrationBuilder.CreateTable(
26                 name: "Generos"

```

110 % No issues found Ln: 1 Ch: 1

Package Manager Console

Package source: All Default project: MVCPeliculas

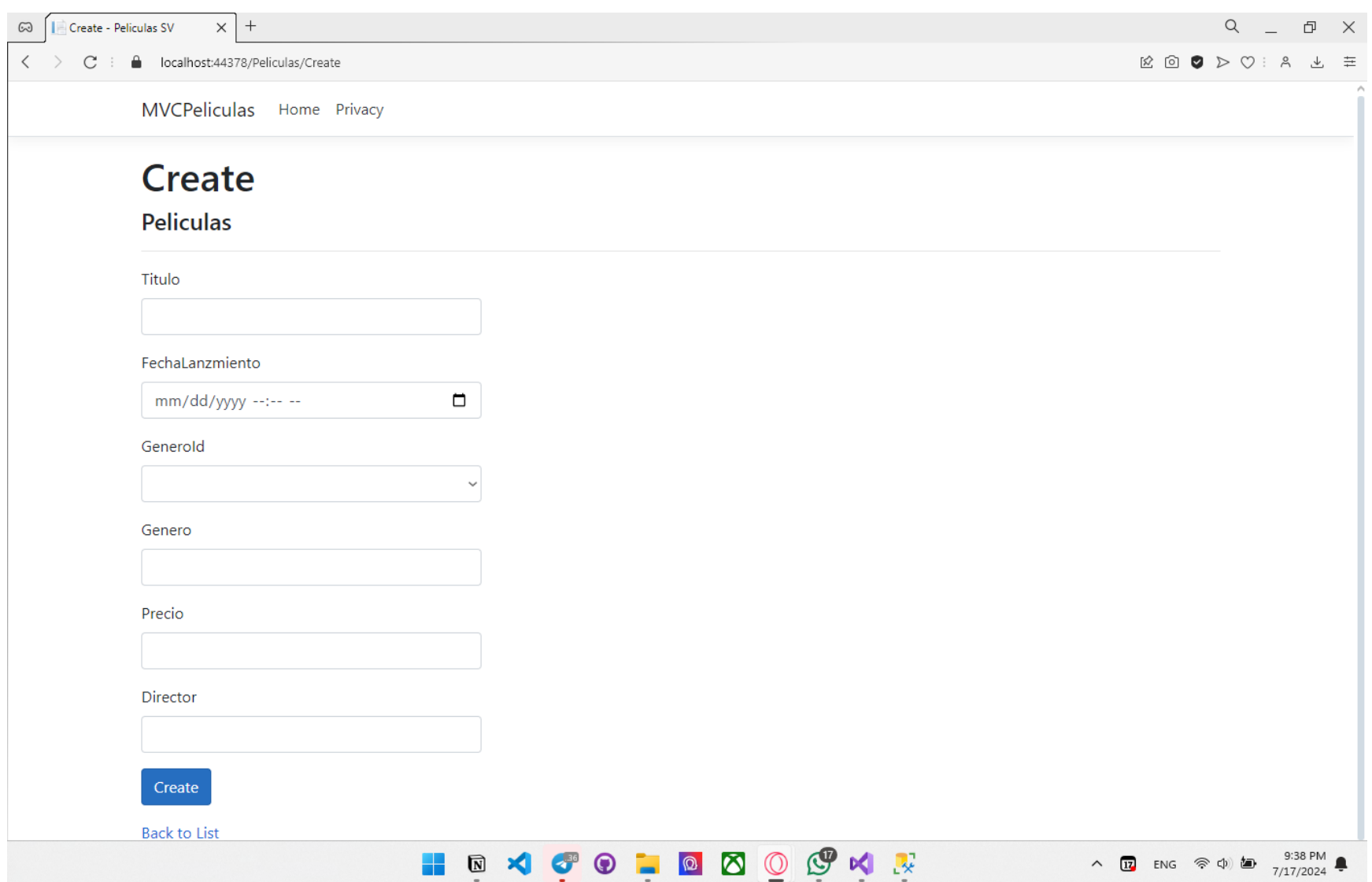
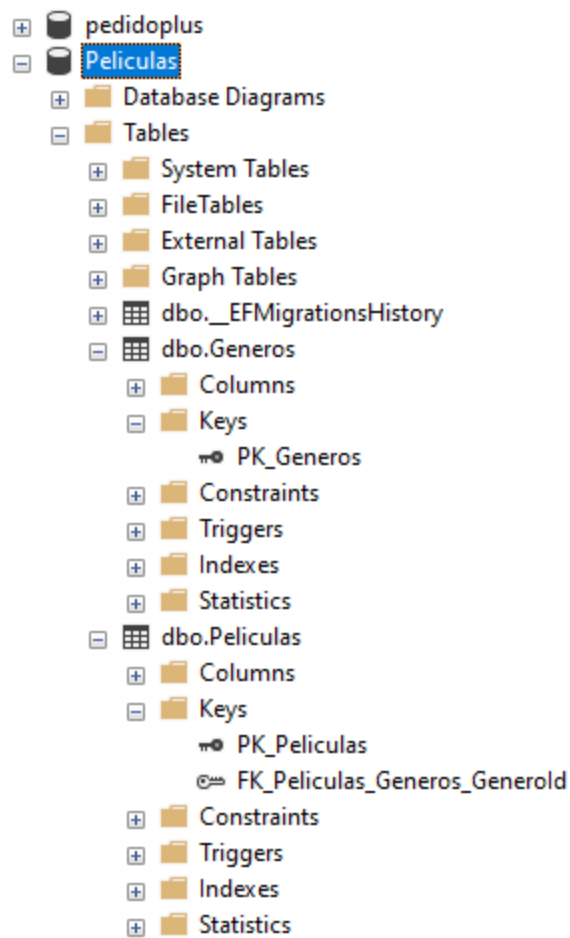
Type 'get-help NuGet' to see all available NuGet commands.

PM> Add-Migration Peliculas_FK_Genero

Build started...

Build succeeded.

An operation was scaffolded that may result in the loss of data. Please review the migration for accuracy.





DSE/Lab 1/MVCPeliculas at main · EMjr-31/DSE


Guías de DSE. Contribute to EMjr-31/DSE development by creating an account on GitHub.

EMjr-31/DSE


Guías de DSE




 <https://github.com/EMjr-31/DSE/tree/main/Lab%201/MVCPeliculas>

 1


Contributor

 0

Issues

 0

Stars

 0

Forks

