

UNIVERSIDAD DON BOSCO
FACULTAD DE INGENIERÍA
ESCUELA DE INGENIERÍA EN COMPUTACIÓN



INGENIERO:

Emerson Francisco Cartagena Candelario

ACTIVIDAD:

Procedimiento – Guía 2

ASIGNATURA:

Desarrollo de Software Empresarial 02L

FECHA DE ELABORACION: 11/07/2024

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PRESENTADOR POR

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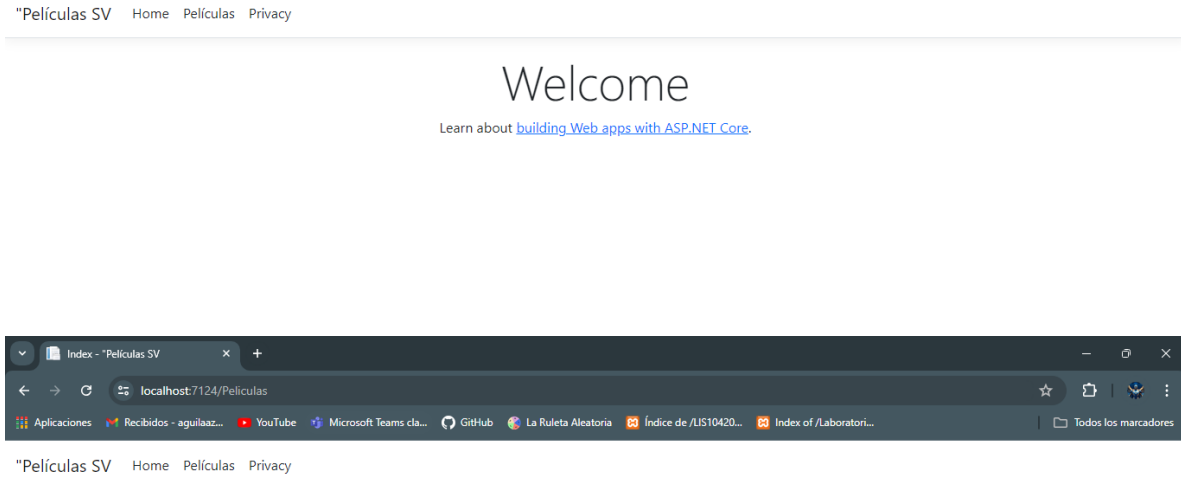
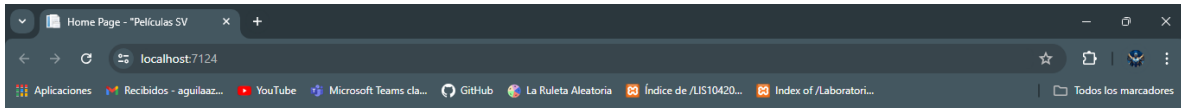


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Procedimiento

Capturas de pantalla



Código fuente

```
PM> Add-Migration "Migracion_Inicial"
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[38000]
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[38000]
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
    To undo this action, use Remove-Migration.
PM> Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[38000]
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
    System.ArgumentException: Keyword not supported: 'database pelculas; trusted connection'.
    at Microsoft.Data.Common.DbConnectionOptions.ParseInternal(Dictionary`2 parsetable, String connectionString, Boolean buildChain, Dictionary`2 synonyms, Boolean firstKey)
    at Microsoft.Data.Common.DbConnectionOptions..ctor(String connectionString, Dictionary`2 synonyms)
    at Microsoft.Data.SqlClient.SqlConnectionString..ctor(String connectionString)
    at Microsoft.Data.SqlClient.SqlConnectionFactory.CreateConnectionOptions(String connectionString, DbConnectionOptions previous)
    at Microsoft.Data.ProviderBase.DbConnectionFactory.GetConnectionPoolGroup(DbConnectionPoolKey key, DbConnectionPoolGroupOptions poolOptions, DbConnectionOptions& userConnectionOptions)
    at Microsoft.Data.SqlClient.SqlConnection.ConnectionString_Set(DbConnectionPoolKey key)
    at Microsoft.Data.SqlClient.SqlConnection.set_ConnectionString(String value)
    at Microsoft.Data.SqlClient.SqlConnection..ctor(String connectionString)
    at Microsoft.EntityFrameworkCore.SqlServer.Storage.Internal.SqlServerConnection.CreateDbConnection()
    at Microsoft.EntityFrameworkCore.Storage.RelationalConnection.get_DbConnection()
    at Microsoft.EntityFrameworkCore.Storage.RelationalConnection.Open(Boolean errorsExpected)
    at Microsoft.EntityFrameworkCore.SqlServer.Storage.Internal.SqlServerDatabaseCreator.<>c__DisplayClass18_0.<Exists>b__0(DateTime getvp)
    at Microsoft.EntityFrameworkCore.ExecutionStrategyExtensions.<>c__DisplayClass12_0'2.<Execute>b__0(DbContext _ , TState s)
    at Microsoft.EntityFrameworkCore.SqlServer.Storage.Internal.SqlServerExecutionStrategy.Execute[TState,TResult](TState state, Func`3 operation, Func`3 verifySucceeded)
    at Microsoft.EntityFrameworkCore.ExecutionStrategyExtensions.Execute[TState,TResult](IExecutionStrategy strategy, TState state, Func`2 operation, Func`2 verifySucceeded)

PM> Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[38000]
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[38000]
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
    No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (5ms) [Parameters=[], CommandType='Text', CommandTimeout='60']
    CREATE DATABASE [Películas];
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (186ms) [Parameters=[], CommandType='Text', CommandTimeout='60']
    IF SERVERPROPERTY('EngineEdition') <> 5
    BEGIN
        ALTER DATABASE [Películas] SET READ_COMMITTED_SNAPSHOT ON;
    END;
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (23ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    CREATE TABLE [_EFMigrationsHistory] (
        [MigrationId] nvarchar(150) NOT NULL,
        [ProductVersion] nvarchar(32) NOT NULL,
        CONSTRAINT [PK__EFMigrationsHistory] PRIMARY KEY ([MigrationId])
    );
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    EXECUTE sp_configure 'show advanced options', 1;
    EXECUTE sp_configure 'trust server certificates', 1;
    IF SERVERPROPERTY('EngineEdition') <> 5
    BEGIN
        ALTER DATABASE [Películas] SET READ_COMMITTED_SNAPSHOT ON;
    END;
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (23ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    CREATE TABLE [_EFMigrationsHistory] (
        [MigrationId] nvarchar(150) NOT NULL,
        [ProductVersion] nvarchar(32) NOT NULL,
        CONSTRAINT [PK__EFMigrationsHistory] PRIMARY KEY ([MigrationId])
    );
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (42ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT [MigrationId], [ProductVersion]
    FROM [_EFMigrationsHistory]
    ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20402]
    Applying migration '20240713045221.Migracion_Inicial'.
    Applying migration '20240713045221.Migracion_Inicial'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    CREATE TABLE [Películas] (
        [Id] int NOT NULL IDENTITY,
        [Titulo] nvarchar(max) NOT NULL,
        [FechaLanzamiento] datetime2 NOT NULL,
        [Genero] nvarchar(max) NOT NULL,
```

```
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
CREATE TABLE [Películas] (
    [ID] int NOT NULL IDENTITY,
    [Titulo] nvarchar(max) NOT NULL,
    [FechaLanzamiento] datetime2 NOT NULL,
    [Genero] nvarchar(max) NOT NULL,
    [Precio] decimal(18,2) NOT NULL,
    CONSTRAINT [pk_Películas] PRIMARY KEY ([ID])
);
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (2ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
INSERT INTO [__EFMigrationsHistory] ([MigrationId], [ProductVersion])
VALUES (N'20240713045221_Migracion_Inicial', N'8.0.7');
Done.
PM> Get-Migration
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (12ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[__EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [__EFMigrationsHistory]
ORDER BY [MigrationId];

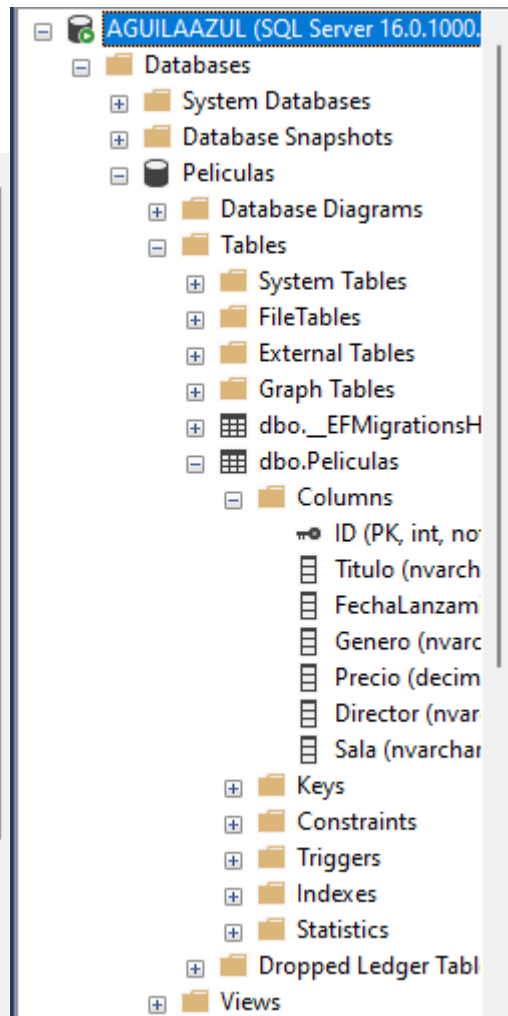
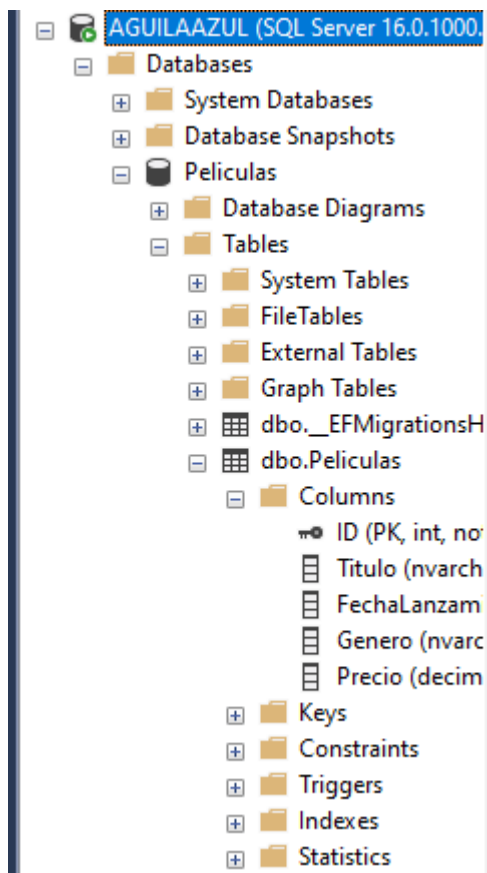
id      name      safeName      applied
--      -
20240713045221_Migracion_Inicial Migracion_Inicial Migracion_Inicial True

PM> Update-Database Migration_Inicial
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (7ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (7ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[__EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[__EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [__EFMigrationsHistory]
ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20405]
No migrations were applied. The database is already up to date.
No migrations were applied. The database is already up to date.
Done.
PM> |

PM> Add-Migration Pelicula_col_Director_Sala
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
To undo this action, use Remove-Migration.
PM> |

PM> Remove-Migration
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[__EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [__EFMigrationsHistory]
ORDER BY [MigrationId];
Removing migration '20240713050829_Pelicula_col_Director_Sala'.
Reverting the model snapshot.
Done.
PM> |

PM> Add-Migration Pelicula_col_Director
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Película'. 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'.
To undo this action, use Remove-Migration.
PM> |
```



```

Pro Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (11ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (0ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [_EFMigrationsHistory]
ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20402]
Applying migration '20240713050217_Pelicula_Col_Director'.

```

```
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [_EFMigrationsHistory]
ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[204002]
Applying migration '20240713050217_Pelicula_col_Director'.
Applying migration '20240713050217_Pelicula_col_Director'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (29ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
ALTER TABLE [Peliculas] ADD [Director] nvarchar(max) NOT NULL DEFAULT N'';
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
INSERT INTO [_EFMigrationsHistory] ([MigrationId], [ProductVersion])
VALUES (N'20240713050217_Pelicula_col_Director', N'8.0.7');
Applying migration '20240713050328_Pelicula_col_Director_Sala'.
Microsoft.EntityFrameworkCore.Migrations[204002]
Applying migration '20240713050328_Pelicula_col_Director_Sala'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
ALTER TABLE [Peliculas] ADD [Sala] nvarchar(max) NOT NULL DEFAULT N'';
```

Archivo Editar Ver Git Proyecto Compilar Depurar Prueba Analizar Herramientas Extensiones Ventana Ayuda Buscar MVCPelicula Iniciar sesión

Debug Any CPU https

PeliculasController.cs PeliculasDbContext.cs Genero.cs Pelicula.cs Program.cs appsettings.json

MVCPelicula

```
1 using Microsoft.EntityFrameworkCore;
2
3 namespace MVCPelicula.Models
4 {
5     public class PeliculasDbContext : DbContext
6     {
7         public PeliculasDbContext(DbContextOptions options) : base(options)
8         {
9         }
10
11         public DbSet<Pelicula> Peliculas { get; set; }
12
13         public DbSet<Genero> Generos { get; set; }
14     }
15 }
```

Explorador de soluciones

Buscar en Explorador de soluciones (Ctrl+)

Solución "MVCPelicula" (1 de 1 proyecto)

- MVCPelicula
 - Connected Services
 - Dependencies
 - Properties
 - wwwroot
 - Controllers
 - HelloWorldController.cs
 - HomeController.cs
 - PeliculasController.cs
 - Migrations
 - 20240713045221_Migracion_Inicial.cs
 - 20240713050217_Pelicula_Col_Director.cs
 - 20240713050328_Pelicula_Col_Director_Sala.cs
 - 20240713173801_Pelicula_StringLength.cs
 - 20240713174655_Peliculas_FK_Genero.cs
 - PeliculasDbContextModelSnapshot.cs
 - Models
 - ErrorViewModel.cs
 - Genero.cs
 - Pelicula.cs
 - PeliculasDbContext.cs
 - Views
 - HelloWorld
 - Home

Proyectos cargados y listos para usar

Aún se están ejecutando las tareas en segundo plano.

Ignorar siempre

mas. |ador de paquetes

Línea: 11 Carácter: 37 SPC CRLF

Explorador de soluciones Cambios de GIT

```
namespace MVCPelicula.Models
{
    2 referencias
    public class Genero
    {
        3 referencias
        public int Id { get; set; }
        0 referencias
        public string Nombre { get; set; }
        //Propiedad de navegación
        0 referencias
        public ICollection<Pelicula> Peliculas { get; set; }
    }
}
```

```

using System.ComponentModel.DataAnnotations;
using System.ComponentModel.DataAnnotations.Schema;

namespace MVCPelicula.Models
{
    19 referencias
    public class Pelicula
    {
        11 referencias
        public int ID { get; set; }
        [StringLength(250)]
        [Required]
        12 referencias
        public string Titulo { get; set; }
        12 referencias
        public DateTime FechaLanzamiento { get; set; }

        //Propiedad para la llave foránea
        [Required]
        [ForeignKey("Genero")]
        7 referencias
        public int? GeneroId { get; set; }
        //Propiedad de navegación
        9 referencias
        public Genero Genero { get; set; }
        [Required]
        12 referencias
        public decimal Precio { get; set; }
        [StringLength(250)]
        [Required]
        12 referencias
        public string Director { get; set; }
    }
}

```

<https://json.schemastore.org/appsettings.json>

```

{
  "ConnectionStrings": {
    "PeliculasCN": "Server=AGUILAAZUL;Database=Peliculas;Trusted_Connection=True;TrustServerCertificate=True;"
  },
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  },
  "AllowedHosts": "*"
}

```

```

1 using MVCPelicula.Models;
2 using Microsoft.EntityFrameworkCore;
3
4 var builder = WebApplication.CreateBuilder(args);
5
6 // Add services to the container.
7 builder.Services.AddControllersWithViews();
8
9 //Add DbContext
10 builder.Services.AddDbContext<PeliculasDbContext>(options =>
11 options.UseSqlServer(builder.Configuration.GetConnectionString("PeliculasCN")));
12
13 var app = builder.Build();
14
15 // Configure the HTTP request pipeline.

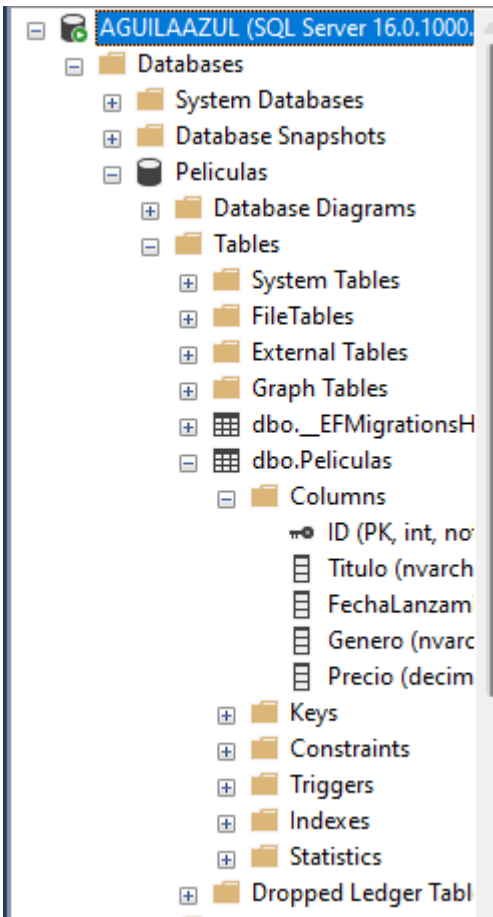
```



```

No update Database Migration_Inicial
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (16ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [_EFMigrationsHistory]
ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20401]
Reverting migration '20240713050328_Pelicula_col_Director_Sala'.
Reverting migration '20240713050328_Pelicula_col_Director_Sala'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (3ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT [MigrationId], [ProductVersion]
FROM [_EFMigrationsHistory]
ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20401]
Reverting migration '20240713050328_Pelicula_col_Director_Sala'.
Reverting migration '20240713050328_Pelicula_col_Director_Sala'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (13ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
DECLARE @var0 sysname;
SELECT @var0 = [d].[name]
FROM [sys].[default_constraints] [d]
INNER JOIN [sys].[columns] [c] ON [d].[parent_column_id] = [c].[column_id] AND [d].[parent_object_id] = [c].[object_id]
WHERE ([d].[parent_object_id] = OBJECT_ID(N'[Peliculas]') AND [c].[name] = N'Sala');
IF @var0 IS NOT NULL EXEC(N'ALTER TABLE [Peliculas] DROP CONSTRAINT [' + @var0 + '];');
ALTER TABLE [Peliculas] DROP COLUMN [Sala];
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (16ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
DELETE FROM [_EFMigrationsHistory]
WHERE [MigrationId] = N'20240713050328_Pelicula_col_Director_Sala';
Microsoft.EntityFrameworkCore.Migrations[20401]
Reverting migration '20240713050217_Pelicula_col_Director'.
Reverting migration '20240713050217_Pelicula_col_Director'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (59ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
DECLARE @var1 sysname;

```



```

PMO Add-Migration Pelicula_StringLength
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
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.
PMO Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (10ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (10ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
PMO Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (10ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (10ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT OBJECT_ID(N'[_EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (8ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    SELECT [MigrationId], [ProductVersion]
    FROM [_EFMigrationsHistory]
    ORDER BY [MigrationId];
Microsoft.EntityFrameworkCore.Migrations[20402]
    Applying migration '20240713050217_Pelicula_col_Director'.
Applying migration '20240713050217_Pelicula_col_Director'.
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (25ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    ALTER TABLE [Peliculas] ADD [Director] nvarchar(max) NOT NULL DEFAULT N'';
Microsoft.EntityFrameworkCore.Database.Command[20101]
    Executed DbCommand (10ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
    INSERT INTO [_EFMigrationsHistory] ([MigrationId], [ProductVersion])
    VALUES (N'20240713050217_Pelicula_col_Director', N'8.0.7');
Applying migration '20240713050320_Pelicula_col_Director_Sala'.
PMO Add-Migration Peliculas_FK_Genero
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
Microsoft.EntityFrameworkCore.Model.Validation[30000]
    No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.
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.

```

To undo this action, use Remove-Migration.

PM> Update-Database

Build started...

Build succeeded.

Microsoft.EntityFrameworkCore.Model.Validation 30000

No store type was specified for the decimal property 'Precio' on entity type 'Pelicula'. 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'.

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (11ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT 1

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (19ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT OBJECT_ID(N'[_EFMigrationsHistory]');

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT 1

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT OBJECT_ID(N'[_EFMigrationsHistory]');

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT [MigrationId], [ProductVersion]

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (19ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT OBJECT_ID(N'[_EFMigrationsHistory]');

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT 1

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (1ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT OBJECT_ID(N'[_EFMigrationsHistory]');

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

SELECT [MigrationId], [ProductVersion]

FROM [_EFMigrationsHistory]

ORDER BY [MigrationId];

Microsoft.EntityFrameworkCore.Migrations[20402]

Applying migration '20240713174655_Peliculas_FK_Genero'.

Applying migration '20240713174655_Peliculas_FK_Genero'.

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (109ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

DECLARE @var0 sysname;

SELECT @var0 = [d].[name]

FROM [sys].[default_constraints] [d]

INNER JOIN [sys].[columns] [c] ON [d].[parent_column_id] = [c].[column_id] AND [d].[parent_object_id] = [c].[object_id]

WHERE ([d].[parent_object_id] = OBJECT_ID(N'[Peliculas]') AND [c].[name] = N'Genero');

IF @var0 IS NOT NULL EXEC(N'ALTER TABLE [Peliculas] DROP CONSTRAINT [' + @var0 + '];');

ALTER TABLE [Peliculas] DROP COLUMN [Genero];

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (9ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

ALTER TABLE [Peliculas] ADD [GeneroId] int NOT NULL DEFAULT 0;

Microsoft.EntityFrameworkCore.Database.Command[20101]

Executed DbCommand (6ms) [Parameters=[], CommandType='Text', CommandTimeout='30']

CREATE TABLE [Generos] (

[Id] int NOT NULL IDENTITY,

[Nombre] nvarchar(max) NOT NULL,

CONSTRAINT [PK_Generos] PRIMARY KEY ([Id])

);

90% = 4