



Install-Package Microsoft.EntityFrameworkCore

Install-Package Microsoft.EntityFrameworkCore.Tools -Version 5.0.0

Install-Package Microsoft.EntityFrameworkCore.Design

Install-Package Microsoft.EntityFrameworkCore.SqlServer -Version 3.1.15

Install-Package Microsoft.Bcl.AsyncInterfaces

Install-Package Microsoft.AspNetCore.Identity.EntityFrameworkCore

Add-Migration Initial

Update-Database

Create folder

* Models
* Controllers
* Context

**MODEL**

In Models create class

Add Class ML\_LOBs (the same name as the table)

Text

Description automatically generated

namespace ProductsApp.Models

{

public class ML\_LOBs

{

public int ID { get; set; }

public string LOB { get; set; }

public string Reference { get; set; }

public int code { get; set; }

}

}

**CONTEXT**

**Create folder Context**

Add Class AppDbContext, y agregue : DbContext

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

using Microsoft.EntityFrameworkCore;

using WebApplication11.Models;

namespace WebApplication11.Context

{

public class **AppDbContext** : DbContext

{

public AppDbContext(DbContextOptions<AppDbContext> options) : base(options)

{

}

public DbSet<ML\_LOBs> LOB\_All { get; set; }

}

}

**CONECTION**

**Archivo Appsettings.json**

"AllowedHosts": "\*",

"ConnectionStrings": {

"Conexion": "data source=(localdb)\\MeLi;initial catalog=MeLi;Persist security info=True;Integrated Security=SSPI;"

}

}

**SETUP SERVICE**

**ARCHIVO Startup.cs**

**using Microsoft.EntityFrameworkCore;**

using WebApplication11.Context;

public void ConfigureServices(IServiceCollection services)

{

services.AddControllers();

var conn = Configuration.GetConnectionString**(**"**Conexion**"**);**

services.AddDbContext<AppDbContext>(options => options.UseSqlServer(conn));

**}**

**CONTROLLER**

**Agregar controlador**

Controller / Add / New Item

LOBController

Qr code

Description automatically generated

using WebApplication**11**.Context;

namespace WebApplication11.Controllers

{

[Route("api/[controller]")]

[ApiController]

public class LOBController : ControllerBase

{

private readonly AppDbContext context;

//Constructor, del mismo nombre que la clase

public LOBController(AppDbContext context)

{

this.context = context;

}

// Traiga todo

// Get: api/<controller>

[HttpGet]

public ActionResult Get()

{

try

{

// Refer to AppDbContext File, LOB\_All

return Ok(context.LOB\_All.ToList());

}

catch (Exception ex)

{

return BadRequest(ex.Message);

}

}

// Traiga uno por id

// Get: api/<controller>/5

[HttpGet("(id)", Name = "GetLOB")]

public ActionResult Get(int id)

{

try

{

var LOB = context.LOB\_All.FirstOrDefault(f => f.ID == id);

return Ok(LOB);

}

catch (Exception ex)

{

return BadRequest(ex.Message);

}

}

}

}

https://localhost:44301/api/LOB

// POST: HomeController/Create

[HttpPost]

[ValidateAntiForgeryToken]

public ActionResult Create(IFormCollection collection)

{

try

{

return RedirectToAction(nameof(Index));

}

catch

{

return View();

}

}

**Troubleshoot**

Check project / Edit Project File

<ItemGroup>

<PackageReference Include="Microsoft.AspNetCore.Identity.EntityFrameworkCore" Version="5.0.11" />

<PackageReference Include="Microsoft.Bcl.AsyncInterfaces" Version="5.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore" Version="5.0.11" />

<PackageReference Include="Microsoft.EntityFrameworkCore.Design" Version="5.0.11">

<PrivateAssets>all</PrivateAssets>

<IncludeAssets>runtime; build; native; contentfiles; analyzers; buildtransitive</IncludeAssets>

</PackageReference>

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer" Version="5.0.11" />

<PackageReference Include="Microsoft.EntityFrameworkCore.Tools" Version="5.0.11">

<PrivateAssets>all</PrivateAssets>

<IncludeAssets>runtime; build; native; contentfiles; analyzers; buildtransitive</IncludeAssets>

</PackageReference>

</ItemGroup>

Could not load file or assembly 'Microsoft.Bcl.AsyncInterfaces

Install-Package Microsoft.Bcl.AsyncInterfaces

**System.InvalidOperationException:** 'The database provider attempted to register an implementation of the 'IRelationalTypeMappingSource' service.

This is not a service defined by Entity Framework and as such must be registered as a provider-specific service using the 'TryAddProviderSpecificServices' method.'

Install-Package Pomelo.EntityFrameworkCore.MySql

**System.TypeLoadException:** 'Method 'Create' in type 'Microsoft.EntityFrameworkCore.SqlServer.Query.Internal.SqlServerSqlTranslatingExpressionVisitorFactory' from assembly 'Microsoft.EntityFrameworkCore.SqlServer, Version=3.1.15.0, Culture=neutral, PublicKeyToken=adb9793829ddae60' does not have an implementation.'

|  |  |
| --- | --- |
| Database | Package |
| SQLite | Microsoft.EntityFrameworkCore.Sqlite |
| Microsoft SQL Server | Microsoft.EntityFrameworkCore.SqlServer |

Invalid object name:

The model doesn’t have the same name as the table

**LAUNCH CONTROLLER**

Text

Description automatically generated

},

"profiles": {

"IIS Express": {

"commandName": "IISExpress",

"launchBrowser": true,

"launchUrl": "weatherforecast",

"environmentVariables": {

"ASPNETCORE\_ENVIRONMENT": "Development"

}

},

Api/LOB

https://localhost:44301/api/LOB