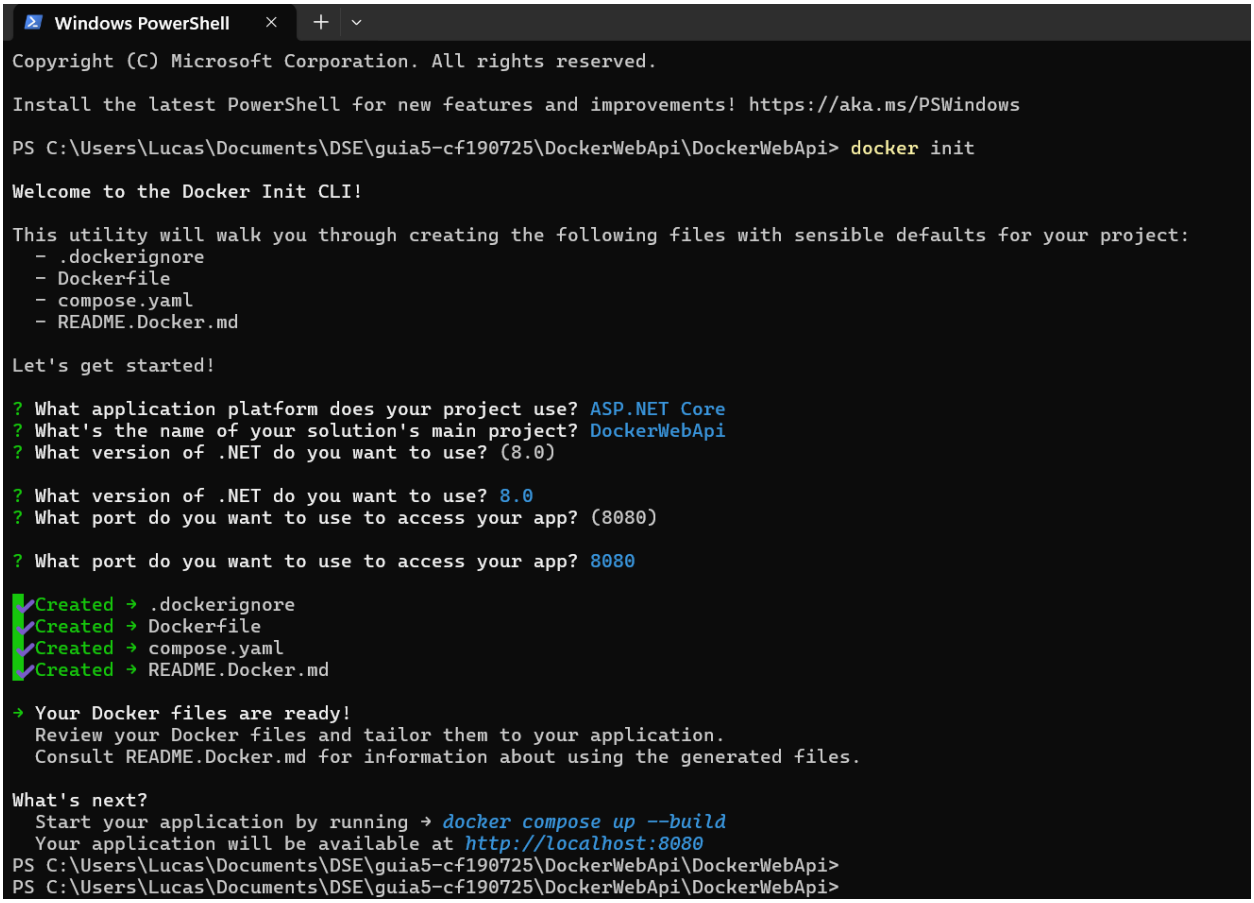
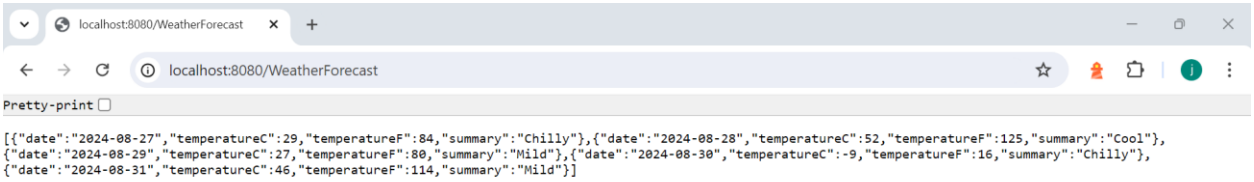
Jeanluca Chaves Flores

DSE G04L

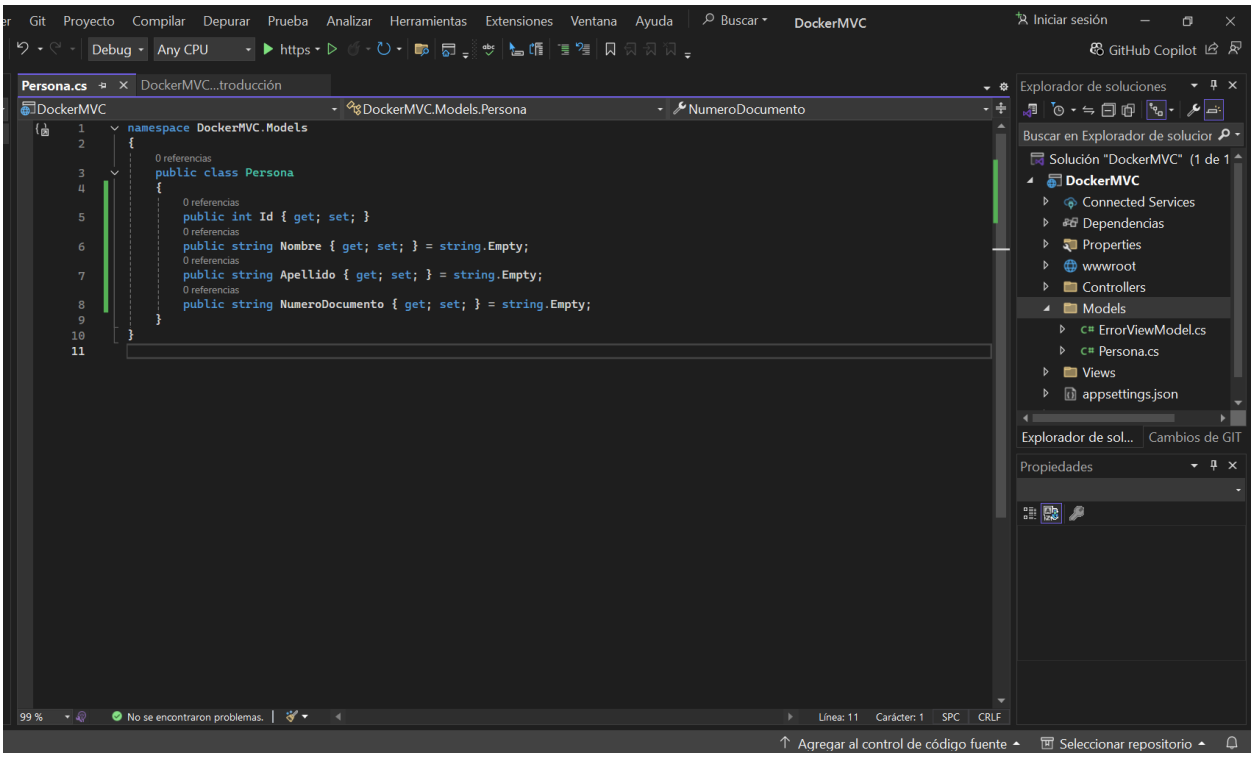
Procedimiento y Desarrollo de Habilidades – Guía 6

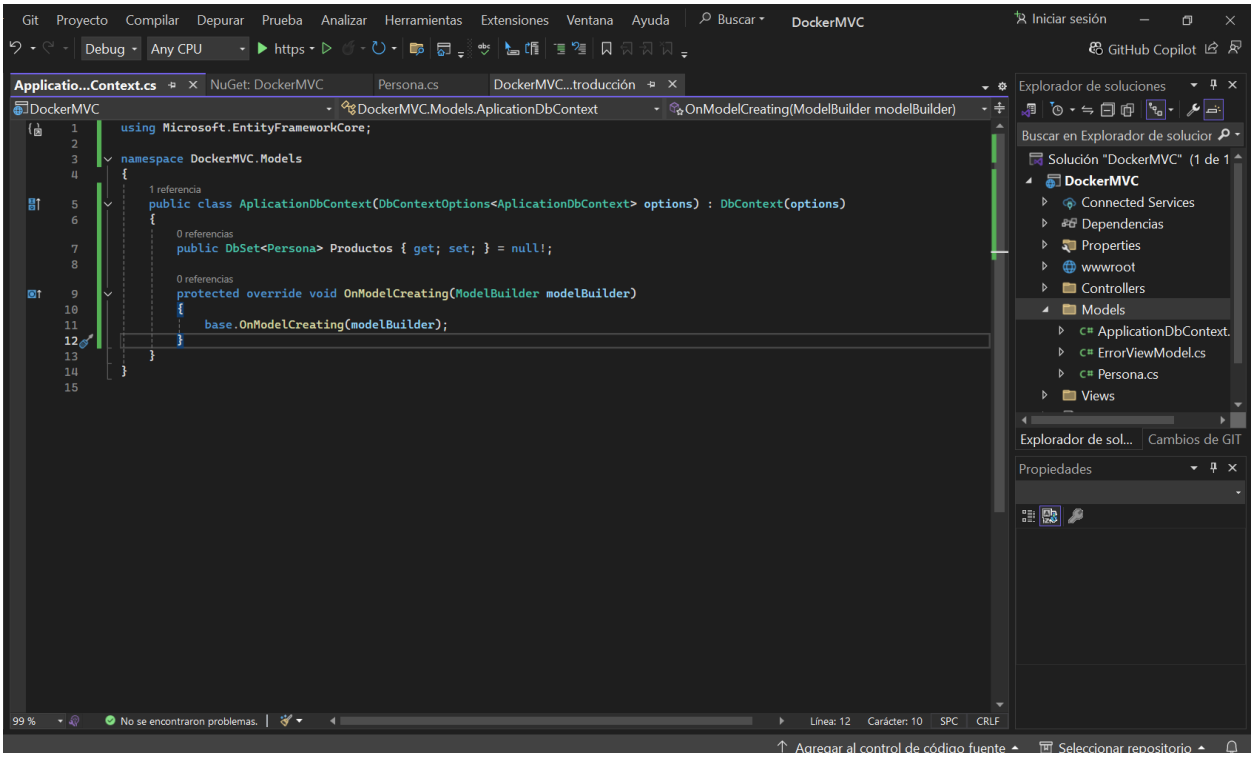


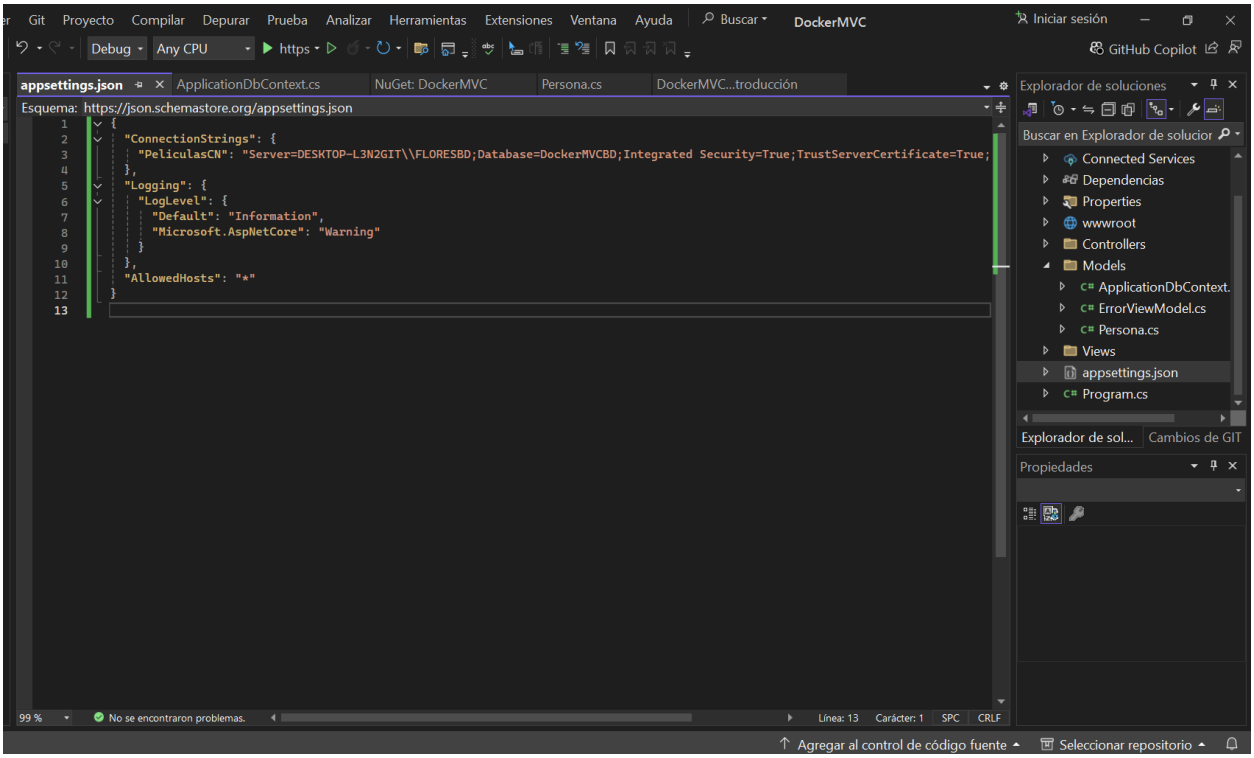
```
PS C:\Users\Lucas\Documents\DSE\guia5-cf190725\DockerWebApi\DockerWebApi>
PS C:\Users\Lucas\Documents\DSE\guia5-cf190725\DockerWebApi\DockerWebApi> docker compose up --build
[+] Building 5.8s (3/4)                                                                    docker:desktop-linuxx
 => [server internal] load build definition from Dockerfile                                                 0.1ss
 => => transferring dockerfile: 2.67kB                                                                      0.0ss
 => [server] resolve image config for docker-image://docker.io/docker/dockerfile:1                          3.4ss
 => [server auth] docker/dockerfile:pull token for registry-1.docker.io                                     0.0ss
 => [server] docker-image://docker.io/docker/dockerfile:1@sha256:fe40cf4e92cd0c467be2cfc30657a680ae2398318afd50b0c8058578  2.2[+] B
uilding 5.9s (3/4)                                                                          docker:desktop-linux
 => [server internal] load build definition from Dockerfile                                                0.1s2
 => => transferring dockerfile: 2.67kB                                                                     0.0s
 => [server] resolve image config for docker-image://docker.io/docker/dockerfile:1                         3.4s0
 => [server auth] docker/dockerfile:pull token for registry-1.docker.io                                    0.0s
[+] Building 6.4s (3/4)                                                                 docker:desktop-linux=
[+] Building 26.0s (8/15)                                                                   docker:desktop-linux
 => [server internal] load .dockerignore                                                                    0.1s
 => => transferring context: 647B                                                                           0.0s
 => [server internal] load build context                                                                    0.2s
 => => transferring context: 5.63kB                                                                         0.0s
 => [server build 1/4] FROM mcr.microsoft.com/dotnet/sdk:8.0-alpine@sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fe  16.1s
 => => resolve mcr.microsoft.com/dotnet/sdk:8.0-alpine@sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fed32c3c0726c210  0.3s
 => => sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fed32c3c0726c210fe 1.08kB / 1.08kB              0.0s
 => => sha256:638d6cf16ce5a7ceda7a66eaa31bf4feb5bf4455a512d411ece88b6eb83a7844 2.01kB / 2.01kB              0.0s
 => => sha256:0b98c50e50a344c4b04df4394df905498affa3e13dcde22b2639bb4e8453a07a 6.45kB / 6.45kB              0.0s
 => => sha256:c6a83fedfae6ed8a4f5f7cbb6a7b6f1c1ec3d86fea8cb9e5ba2e5e6673fde9f6 3.62MB / 3.62MB              2.5s
 => => sha256:c89106a443a9021da4acb3781557dd682c40100a453b3569bcfa744336a62f76 1.02MB / 1.02MB              1.3s
 => => sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f 957B / 957B                  0.6s
 => => sha256:dbc3f78a853f94946619514d15da235d2800392566633be90510ef57e626f925 29.36MB / 32.26MB           15.5s
 => => sha256:b4b13c6d7765112a487cea6b1b69198cb09da74a93d9bd7627ade421e73b5d34 11.03MB / 11.03MB            7.2s
 => => extracting sha256:c6a83fedfae6ed8a4f5f7cbb6a7b6f1c1ec3d86fea8cb9e5ba2e5e6673fde9f6                  12.9s
 => => sha256:aa49ae99c305cb29cc015ebadd758181d462170998860fb7dbf7ececda577080 15.73MB / 21.09MB           15.5s
 => => extracting sha256:c89106a443a9021da4acb3781557dd682c40100a453b3569bcfa744336a62f76                   0.1s
 => => extracting sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f                   0.0s
```

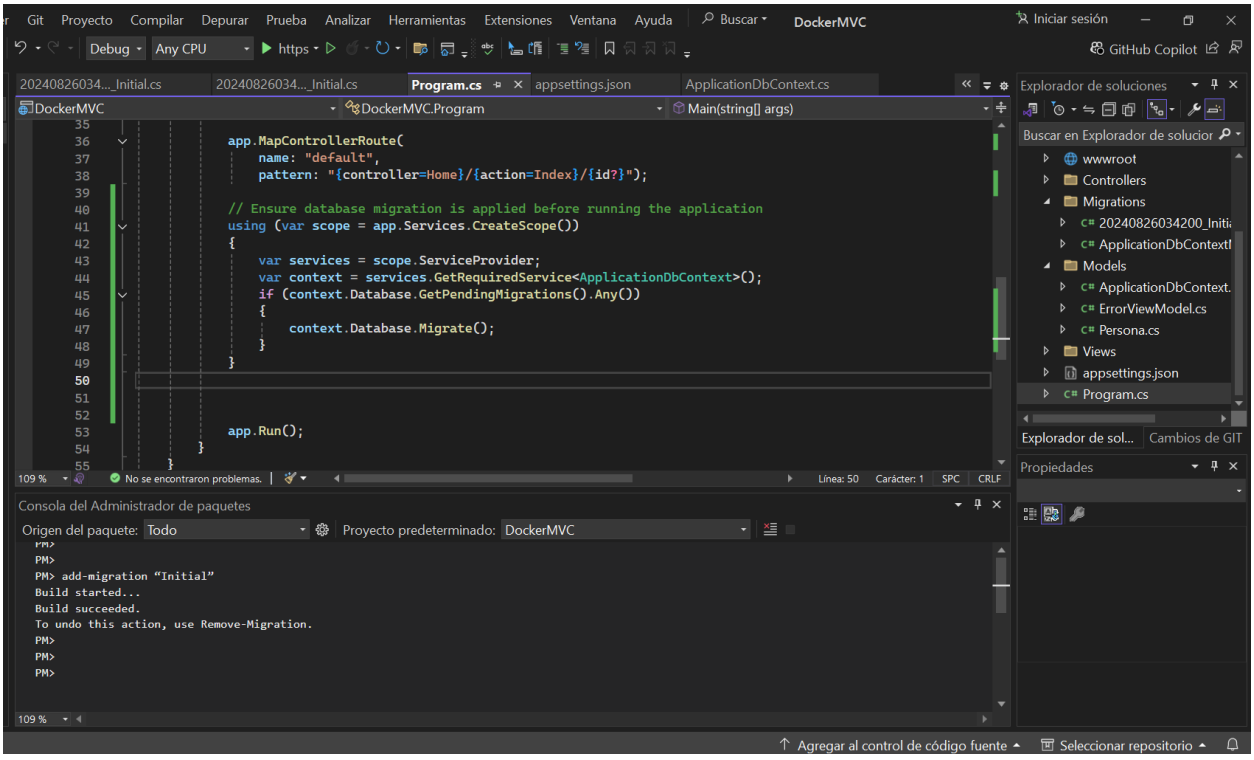


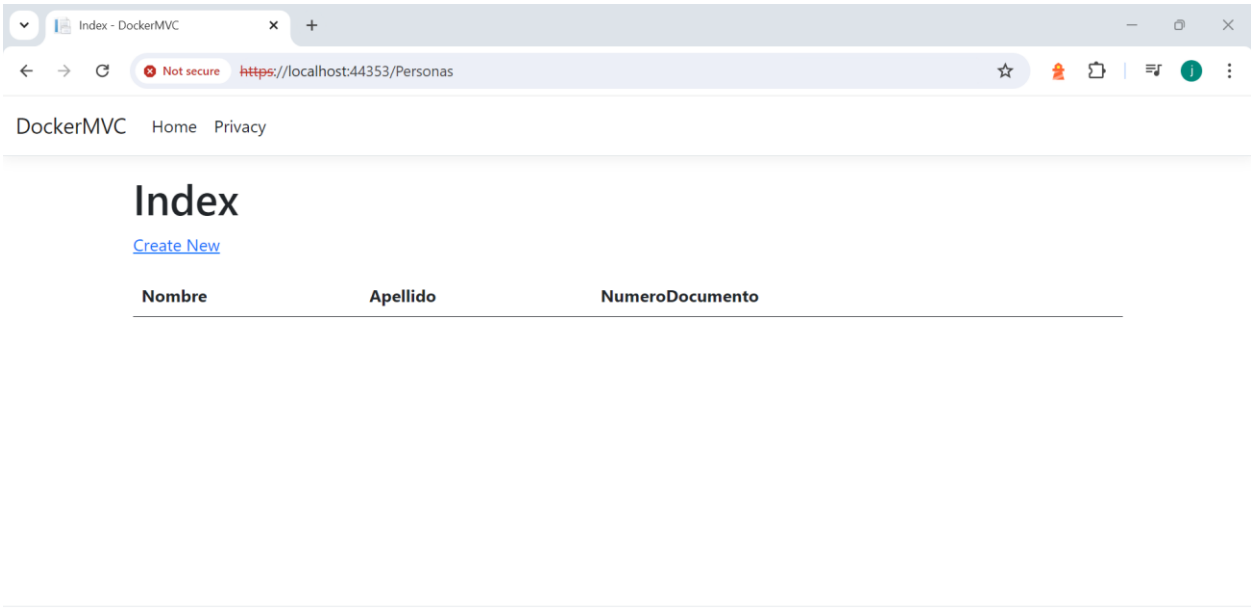

```
[{"date":"2024-08-27","temperatureC":29,"temperatureF":84,"summary":"Chilly"},{"date":"2024-08-28","temperatureC":52,"temperatureF":125,"summary":"Cool"},
{"date":"2024-08-29","temperatureC":27,"temperatureF":80,"summary":"Mild"},{"date":"2024-08-30","temperatureC":-9,"temperatureF":16,"summary":"Chilly"},
{"date":"2024-08-31","temperatureC":46,"temperatureF":114,"summary":"Mild"}]
```

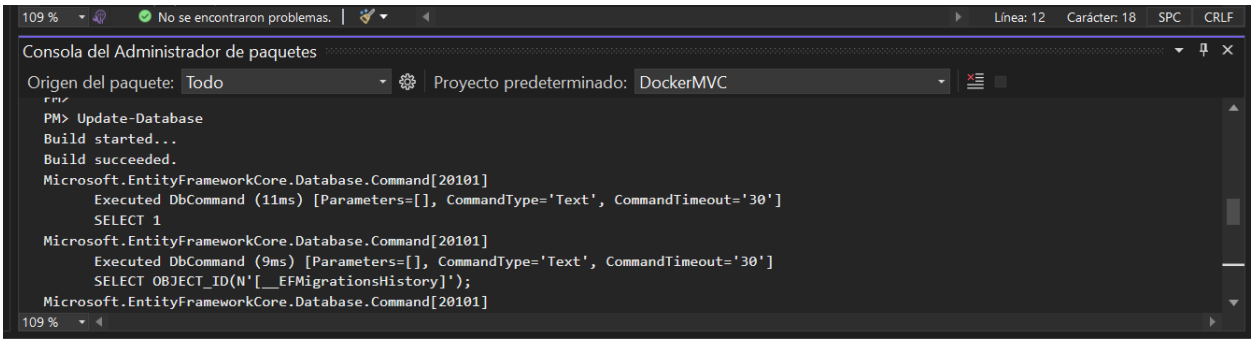

Git Proyecto Compilar Depurar Prueba Analizar Herramientas Extensiones Ventana Ayuda Buscar DockerMVC Iniciar sesión
Debug Any CPU https GitHub Copilot
Persona.cs DockerMVC...troducción
DockerMVC DockerMVC.Models.Persona NumeroDocumento
namespace DockerMVC.Models
{
0 referencias
public class Persona
{
0 referencias
public int Id { get; set; }
0 referencias
public string Nombre { get; set; } = string.Empty;
0 referencias
public string Apellido { get; set; } = string.Empty;
0 referencias
public string NumeroDocumento { get; set; } = string.Empty;
}
}
Explorador de soluciones
Buscar en Explorador de solucior
Solución "DockerMVC" (1 de 1
DockerMVC
Connected Services
Dependencias
Properties
wwwroot
Controllers
Models
ErrorViewModel.cs
Persona.cs
Views
appsettings.json
Explorador de sol... Cambios de GIT
Propiedades
99 % No se encontraron problemas. Línea: 11 Carácter: 1 SPC CRLF
Agregar al control de código fuente Seleccionar repositorio

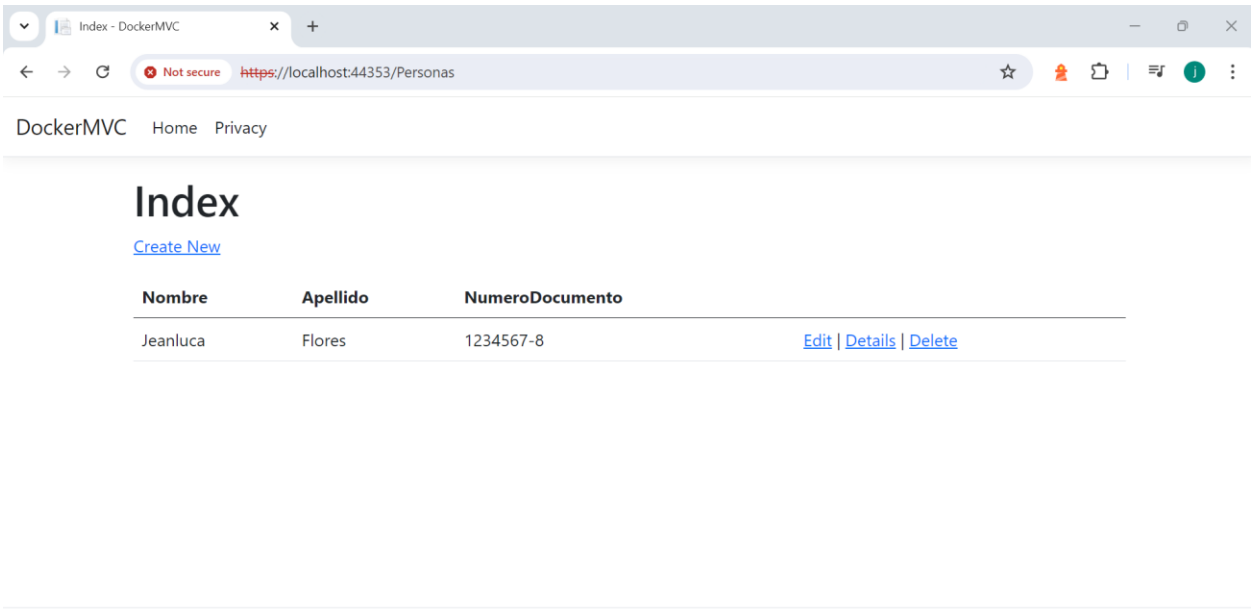

Git Proyecto Compilar Depurar Prueba Analizar Herramientas Extensiones Ventana Ayuda Buscar DockerMVC Iniciar sesión
Debug Any CPU https GitHub Copilot
Applicatio...Context.cs NuGet: DockerMVC Persona.cs DockerMVC...troducción
DockerMVC DockerMVC.Models.AplicationDbContext OnModelCreating(ModelBuilder modelBuilder)
using Microsoft.EntityFrameworkCore;
namespace DockerMVC.Models
{
1 referencia
public class AplicationDbContext(DbContextOptions<AplicationDbContext> options) : DbContext(options)
{
0 referencias
public DbSet<Persona> Productos { get; set; } = null!;
0 referencias
protected override void OnModelCreating(ModelBuilder modelBuilder)
{
base.OnModelCreating(modelBuilder);
}
}
}
Explorador de soluciones
Buscar en Explorador de solucior
Solución "DockerMVC" (1 de 1
DockerMVC
Connected Services
Dependencias
Properties
wwwroot
Controllers
Models
ApplicationDbContext.
ErrorViewModel.cs
Persona.cs
Views
Explorador de sol... Cambios de GIT
Propiedades
99 % No se encontraron problemas. Línea: 12 Carácter: 10 SPC CRLF
Agregar al control de código fuente Seleccionar repositorio

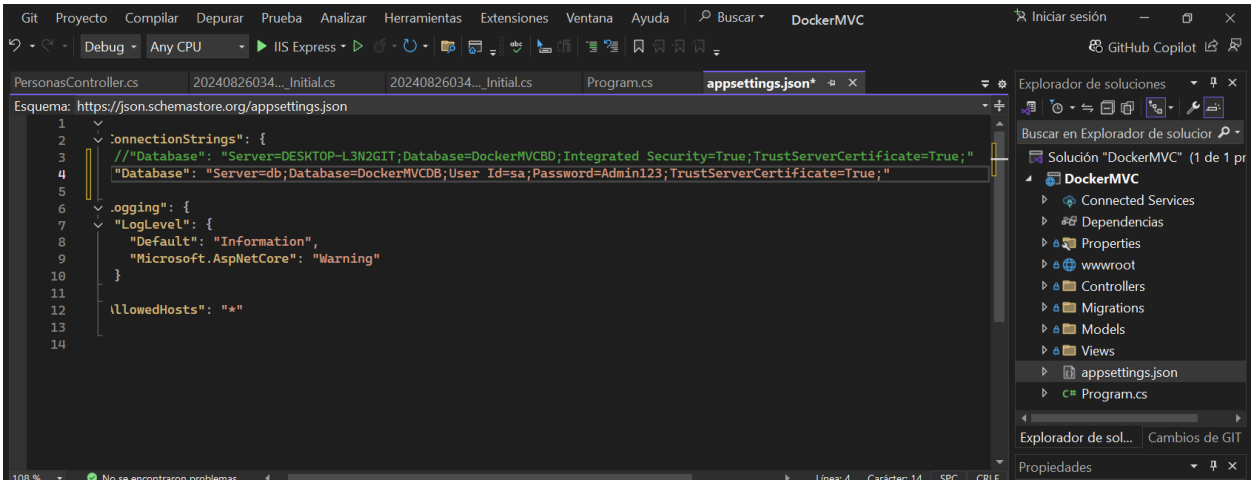

Git Proyecto Compilar Depurar Prueba Analizar Herramientas Extensiones Ventana Ayuda
Buscar
DockerMVC
Iniciar sesión
Debug
Any CPU
https
GitHub Copilot
appsettings.json
ApplicationDbContext.cs
NuGet: DockerMVC
Persona.cs
DockerMVC...troducción
Esquema: https://json.schemastore.org/appsettings.json
{
"ConnectionStrings": {
"PeliculasCN": "Server=DESKTOP-L3N2GIT\\FLORESBD;Database=DockerMVCBD;Integrated Security=True;TrustServerCertificate=True;
},
"Logging": {
"LogLevel": {
"Default": "Information",
"Microsoft.AspNetCore": "Warning"
}
},
"AllowedHosts": "*"
}
Explorador de soluciones
Buscar en Explorador de solucior
Connected Services
Dependencias
Properties
wwwroot
Controllers
Models
ApplicationDbContext.
ErrorViewModel.cs
Persona.cs
Views
appsettings.json
Program.cs
Explorador de sol...
Cambios de GIT
Propiedades
99 %
No se encontraron problemas.
Línea: 13
Carácter: 1
SPC
CRLF
Agregar al control de código fuente
Seleccionar repositorio

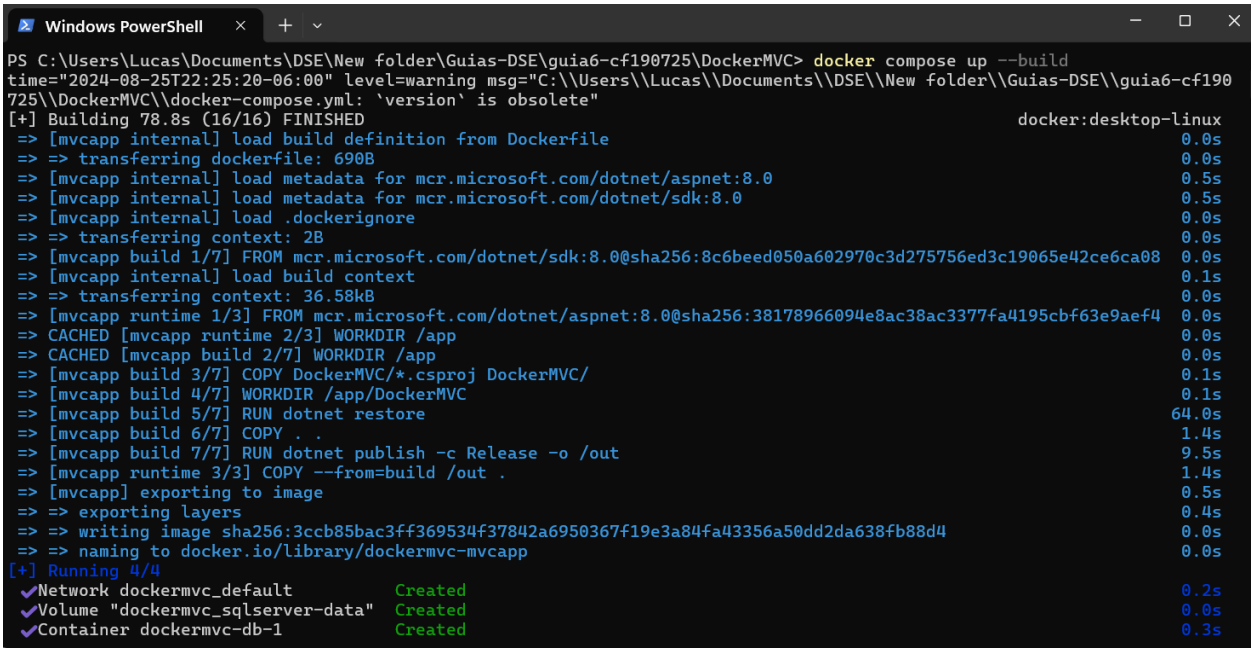

Git Proyecto Compilar Depurar Prueba Analizar Herramientas Extensiones Ventana Ayuda
Buscar
DockerMVC
Iniciar sesión
Debug
Any CPU
https
GitHub Copilot
20240826034..._Initial.cs
20240826034..._Initial.cs
Program.cs
appsettings.json
ApplicationDbContext.cs
DockerMVC
DockerMVC.Program
Main(string[] args)
app.MapControllerRoute(
name: "default",
pattern: "{controller=Home}/{action=Index}/{id?}");
// Ensure database migration is applied before running the application
using (var scope = app.Services.CreateScope())
{
var services = scope.ServiceProvider;
var context = services.GetRequiredService<ApplicationDbContext>();
if (context.Database.GetPendingMigrations().Any())
{
context.Database.Migrate();
}
}
app.Run();
}
}
Explorador de soluciones
Buscar en Explorador de solucior
wwwroot
Controllers
Migrations
20240826034200_Initi
ApplicationDbContextI
Models
ApplicationDbContext.
ErrorViewModel.cs
Persona.cs
Views
appsettings.json
Program.cs
Explorador de sol...
Cambios de GIT
Propiedades
109 %
No se encontraron problemas.
Línea: 50
Carácter: 1
SPC
CRLF
Consola del Administrador de paquetes
Origen del paquete: Todo
Proyecto predeterminado: DockerMVC
PM>
PM> add-migration "Initial"
Build started...
Build succeeded.
To undo this action, use Remove-Migration.
PM>
PM>
PM>
109 %
Agregar al control de código fuente
Seleccionar repositorio

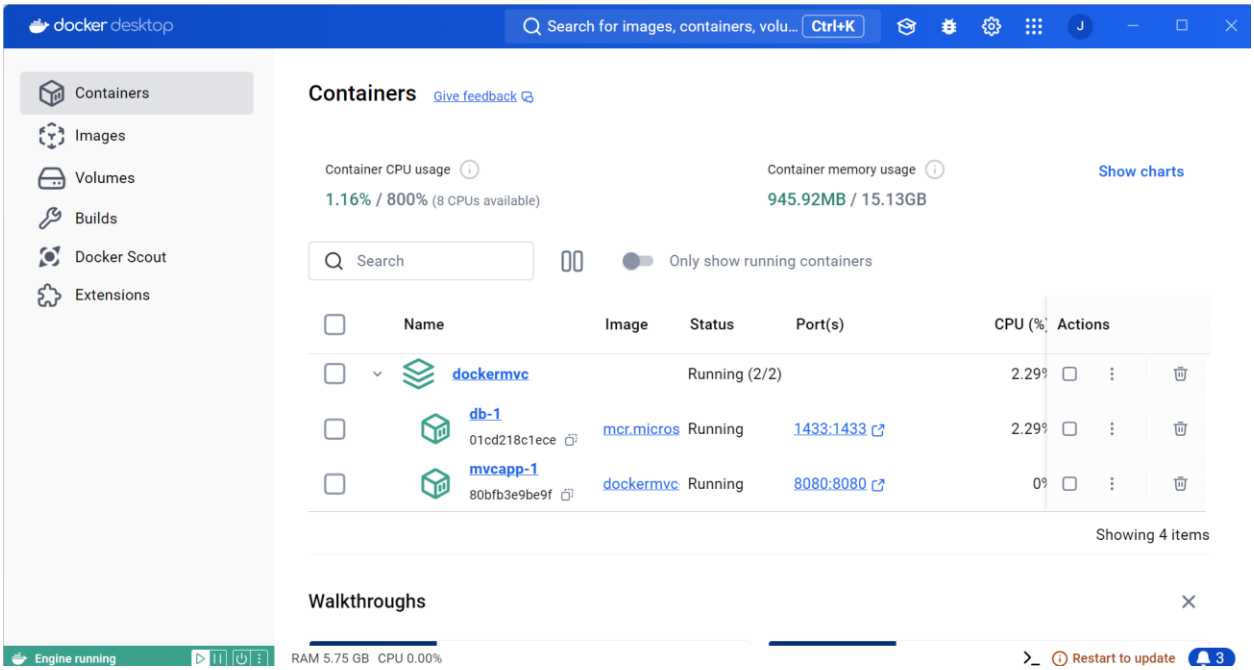

Index - DockerMVC
Not secure
https://localhost:44353/Personas
DockerMVC
Home
Privacy
Index
Create New
Nombre
Apellido
NumeroDocumento
© 2024 - DockerMVC - Privacy

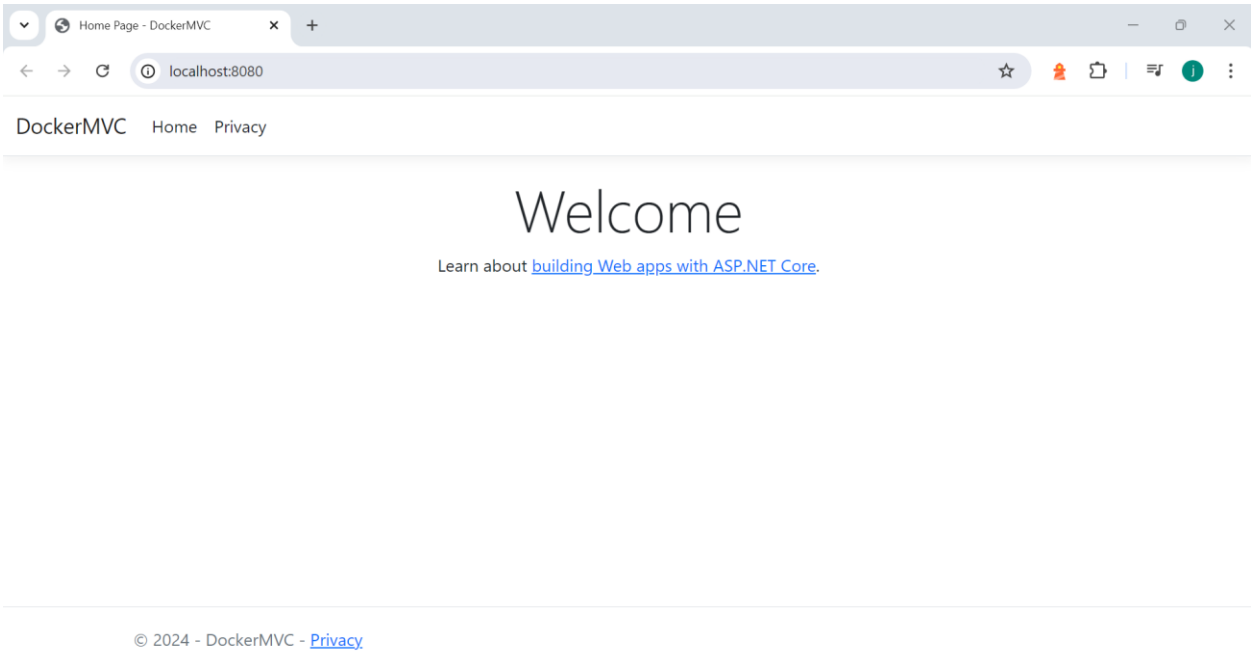

109 %
No se encontraron problemas.
Línea: 12
Carácter: 18
SPC
CRLF
Consola del Administrador de paquetes
Origen del paquete: Todo
Proyecto predeterminado: DockerMVC
PM> Update-Database
Build started...
Build succeeded.
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (11ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT 1
Microsoft.EntityFrameworkCore.Database.Command[20101]
Executed DbCommand (9ms) [Parameters=[], CommandType='Text', CommandTimeout='30']
SELECT OBJECT_ID(N'[__EFMigrationsHistory]');
Microsoft.EntityFrameworkCore.Database.Command[20101]
109 %

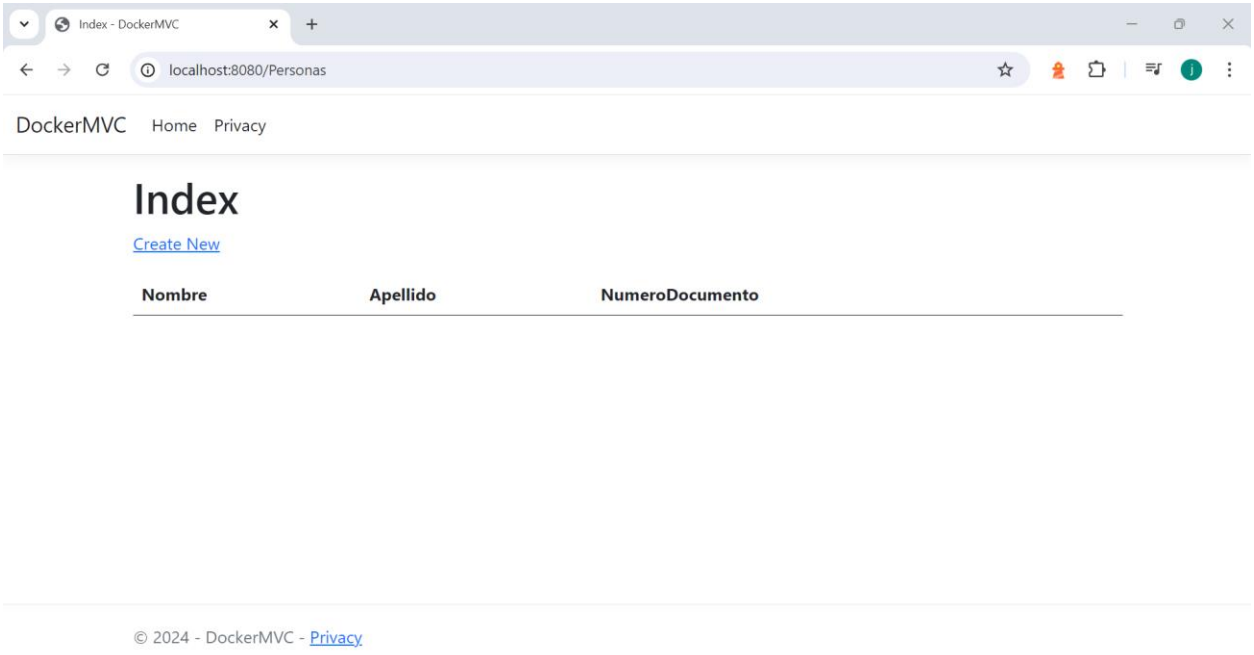

Index - DockerMVC
Not secure
https://localhost:44353/Personas
DockerMVC
Home
Privacy
Index
Create New
Nombre
Apellido
NumeroDocumento
Jeanluca
Flores
1234567-8
Edit | Details | Delete
© 2024 - DockerMVC - Privacy


Git
Proyecto
Compilar
Depurar
Prueba
Analizar
Herramientas
Extensiones
Ventana
Ayuda
Buscar
DockerMVC
Iniciar sesión
Debug
Any CPU
IIS Express
GitHub Copilot
PersonasController.cs
20240826034..._Initial.cs
20240826034..._Initial.cs
Program.cs
appsettings.json*
Esquema: https://json.schemastore.org/appsettings.json
"ConnectionStrings": {
//"Database": "Server=DESKTOP-L3N2GIT;Database=DockerMVCBD;Integrated Security=True;TrustServerCertificate=True;"
"Database": "Server=db;Database=DockerMVCDB;User Id=sa;Password=Admin123;TrustServerCertificate=True;"
"Logging": {
"LogLevel": {
"Default": "Information",
"Microsoft.AspNetCore": "Warning"
}
"AllowedHosts": "*"
Explorador de soluciones
Buscar en Explorador de solucior
Solución "DockerMVC" (1 de 1 pr
DockerMVC
Connected Services
Dependencias
Properties
wwwroot
Controllers
Migrations
Models
Views
appsettings.json
Program.cs
Explorador de sol...
Cambios de GIT
Propiedades


Windows PowerShell
PS C:\Users\Lucas\Documents\DSE\New folder\Guias-DSE\guia6-cf190725\DockerMVC> docker compose up --build
time="2024-08-25T22:25:20-06:00" level=warning msg="C:\\Users\\Lucas\\Documents\\DSE\\New folder\\Guias-DSE\\guia6-cf190725\\DockerMVC\\docker-compose.yml: `version` is obsolete"
[+] Building 78.8s (16/16) FINISHED docker:desktop-linux
=> [mvcapp internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 690B 0.0s
=> [mvcapp internal] load metadata for mcr.microsoft.com/dotnet/aspnet:8.0 0.5s
=> [mvcapp internal] load metadata for mcr.microsoft.com/dotnet/sdk:8.0 0.5s
=> [mvcapp internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [mvcapp build 1/7] FROM mcr.microsoft.com/dotnet/sdk:8.0@sha256:8c6beed050a602970c3d275756ed3c19065e42ce6ca08 0.0s
=> [mvcapp internal] load build context 0.1s
=> => transferring context: 36.58kB 0.0s
=> [mvcapp runtime 1/3] FROM mcr.microsoft.com/dotnet/aspnet:8.0@sha256:38178966094e8ac38ac3377fa4195cbf63e9aef4 0.0s
=> CACHED [mvcapp runtime 2/3] WORKDIR /app 0.0s
=> CACHED [mvcapp build 2/7] WORKDIR /app 0.0s
=> [mvcapp build 3/7] COPY DockerMVC/*.csproj DockerMVC/ 0.1s
=> [mvcapp build 4/7] WORKDIR /app/DockerMVC 0.1s
=> [mvcapp build 5/7] RUN dotnet restore 64.0s
=> [mvcapp build 6/7] COPY . . 1.4s
=> [mvcapp build 7/7] RUN dotnet publish -c Release -o /out 9.5s
=> [mvcapp runtime 3/3] COPY --from=build /out . 1.4s
=> [mvcapp] exporting to image 0.5s
=> => exporting layers 0.4s
=> => writing image sha256:3ccb85bac3ff369534f37842a6950367f19e3a84fa43356a50dd2da638fb88d4 0.0s
=> => naming to docker.io/library/dockermvc-mvcapp 0.0s
[+] Running 4/4
Network dockermvc_default Created 0.2s
Volume "dockermvc_sqlserver-data" Created 0.0s
Container dockermvc-db-1 Created 0.3s


docker desktop
Search for images, containers, volu... Ctrl+K
Containers
Images
Volumes
Builds
Docker Scout
Extensions
Containers
Give feedback
Container CPU usage
1.16% / 800% (8 CPUs available)
Container memory usage
945.92MB / 15.13GB
Show charts
Search
Only show running containers
Name
Image
Status
Port(s)
CPU (%)
Actions
dockermvc
Running (2/2)
2.29%
db-1
01cd218c1ece
mcr.micros
Running
1433:1433
2.29%
mvcapp-1
80bfb3e9be9f
dockermvc
Running
8080:8080
0%
Showing 4 items
Walkthroughs
Engine running
RAM 5.75 GB CPU 0.00%
Restart to update
3


Home Page - DockerMVC
localhost:8080
DockerMVC
Home
Privacy
Welcome
Learn about building Web apps with ASP.NET Core.
© 2024 - DockerMVC - Privacy


Index - DockerMVC
localhost:8080/Personas
DockerMVC
Home
Privacy
Index
Create New
Nombre
Apellido
NumeroDocumento
© 2024 - DockerMVC - Privacy