

Project Structure

```
PS C:\Users\sanja\source\CSsharp\OrderMgmtAPI\OrderMgmtAPI> tree /f
Folder PATH listing for volume Windows-SSD
Volume serial number is 3A71-698F
```

```
C:..
  appsettings.Development.json
  appsettings.json
  OrderMgmtAPI.csproj
  OrderMgmtAPI.csproj.Backup.tmp
  OrderMgmtAPI.csproj.user
  OrderMgmtAPI.http
  Program.cs

bin
├── Debug
│   └── net8.0
│       ├── appsettings.Development.json
│       ├── appsettings.json
│       ├── Azure.Core.dll
│       ├── Azure.Identity.dll
│       ├── Humanizer.dll
│       ├── Microsoft.AspNetCore.Authentication.JwtBearer.dll
│       ├── Microsoft.AspNetCore.Cryptography.Internal.dll
│       ├── Microsoft.AspNetCore.Cryptography.KeyDerivation.dll
│       ├── Microsoft.AspNetCore.Identity.EntityFrameworkCore.dll
│       ├── Microsoft.Bcl.AsyncInterfaces.dll
│       ├── Microsoft.CodeAnalysis.CSharp.dll
│       ├── Microsoft.CodeAnalysis.Workspaces.dll
│       ├── Microsoft.CodeAnalysis.dll
│       ├── Microsoft.CodeAnalysis.Workspaces.dll
│       ├── Microsoft.Data.SqlClient.dll
│       ├── Microsoft.EntityFrameworkCore.Abstractions.dll
│       ├── Microsoft.EntityFrameworkCore.Design.dll
│       ├── Microsoft.EntityFrameworkCore.dll
│       ├── Microsoft.EntityFrameworkCore.Relational.dll
│       ├── Microsoft.EntityFrameworkCore.SqlServer.dll
│       ├── Microsoft.Extensions.Caching.Memory.dll
│       ├── Microsoft.Extensions.DependencyInjection.Abstractions.dll
│       ├── Microsoft.Extensions.DependencyInjection.dll
│       ├── Microsoft.Extensions.DependencyModel.dll
│       ├── Microsoft.Extensions.Identity.Core.dll
│       ├── Microsoft.Extensions.Identity.Stores.dll
│       ├── Microsoft.Extensions.Logging.Abstractions.dll
│       ├── Microsoft.Extensions.Logging.dll
│       └── Microsoft.Extensions.Options.dll
```

```
Controllers
  AuthController.cs
  OrdersController.cs

Data
  ApplicationDbContext.cs

Migrations
  20251130195811_InitialCreate.cs
  20251130195811_InitialCreate.Designer.cs
  ApplicationDbContextModelSnapshot.cs

Models
  ApplicationUser.cs
  Order.cs

DTOs
  LoginDto.cs
  OrderDto.cs
  RegisterDto.cs

obj
  OrderMgmtAPI.csproj.EntityFrameworkCore.targets
  OrderMgmtAPI.csproj.nuget.dgspec.json
  OrderMgmtAPI.csproj.nuget.g.props
  OrderMgmtAPI.csproj.nuget.g.targets
  project.assets.json
  project.nuget.cache

Debug
├── net8.0
│   ├── .NETCoreApp,Version=v8.0.AssemblyAttributes.cs
│   ├── ApiEndpoints.json
│   ├── apphost.exe
│   ├── OrderMgm.96586139.Up2Date
│   ├── OrderMgmtAPI.AssemblyInfo.cs
│   ├── OrderMgmtAPI.AssemblyInfoInputs.cache
│   ├── OrderMgmtAPI.assets.cache
│   ├── OrderMgmtAPI.csproj.AssemblyReference.cache
│   ├── OrderMgmtAPI.csproj.BuildWithSkipAnalyzers
│   ├── OrderMgmtAPI.csproj.CoreCompileInputs.cache
│   ├── OrderMgmtAPI.csproj.FileListAbsolute.txt
│   ├── OrderMgmtAPI.dll
│   ├── OrderMgmtAPI.GeneratedMSBuildEditorConfig.editorconfig
│   └── OrderMgmtAPI.dll
```

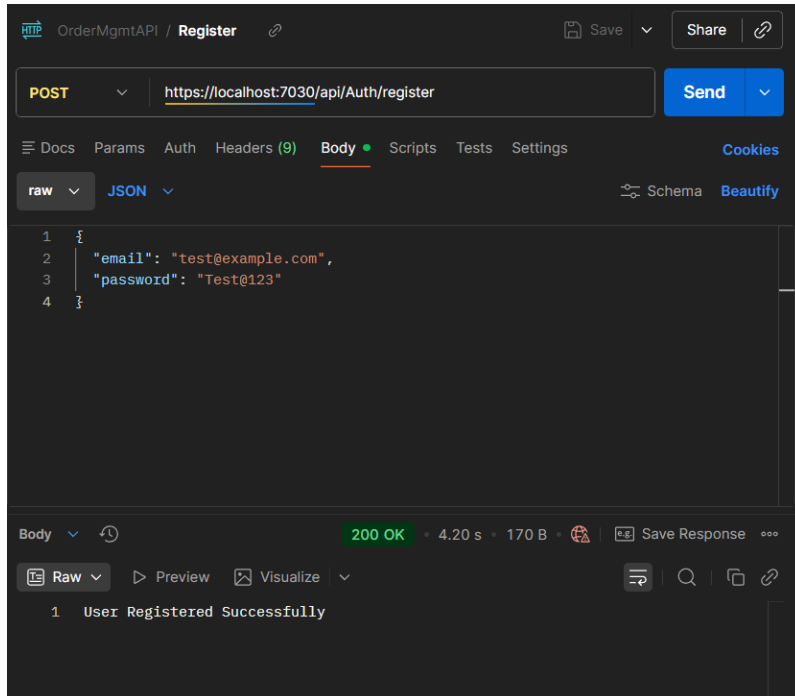
```
Debug
├── net8.0
│   ├── .NETCoreApp,Version=v8.0.AssemblyAttributes.cs
│   ├── ApiEndpoints.json
│   ├── apphost.exe
│   ├── OrderMgm.96586139.Up2Date
│   ├── OrderMgmtAPI.AssemblyInfo.cs
│   ├── OrderMgmtAPI.AssemblyInfoInputs.cache
│   ├── OrderMgmtAPI.assets.cache
│   ├── OrderMgmtAPI.csproj.AssemblyReference.cache
│   ├── OrderMgmtAPI.csproj.BuildWithSkipAnalyzers
│   ├── OrderMgmtAPI.csproj.CoreCompileInputs.cache
│   ├── OrderMgmtAPI.csproj.FileListAbsolute.txt
│   ├── OrderMgmtAPI.dll
│   ├── OrderMgmtAPI.GeneratedMSBuildEditorConfig.editorconfig
│   ├── OrderMgmtAPI.genruntimeconfig.cache
│   ├── OrderMgmtAPI.GlobalUsings.g.cs
│   ├── OrderMgmtAPI.MvcApplicationPartsAssemblyInfo.cache
│   ├── OrderMgmtAPI.MvcApplicationPartsAssemblyInfo.cs
│   ├── OrderMgmtAPI.pdb
│   ├── rjasmcshml.dswa.cache.json
│   ├── rjasmrazor.dswa.cache.json
│   ├── rpswa.dswa.cache.json
│   ├── staticwebassets.build.endpoints.json
│   ├── staticwebassets.build.json
│   ├── staticwebassets.build.json.cache
│   ├── staticwebassets.references.upToDateCheck.txt
│   └── staticwebassets.removed.txt
│
├── EndpointInfo
│   ├── OrderMgmtAPI.json
│   └── OrderMgmtAPI.OpenApiFiles.cache
│
├── ref
│   └── OrderMgmtAPI.dll
│
├── refint
│   └── OrderMgmtAPI.dll
│
└── staticwebassets

Properties
  launchSettings.json
```

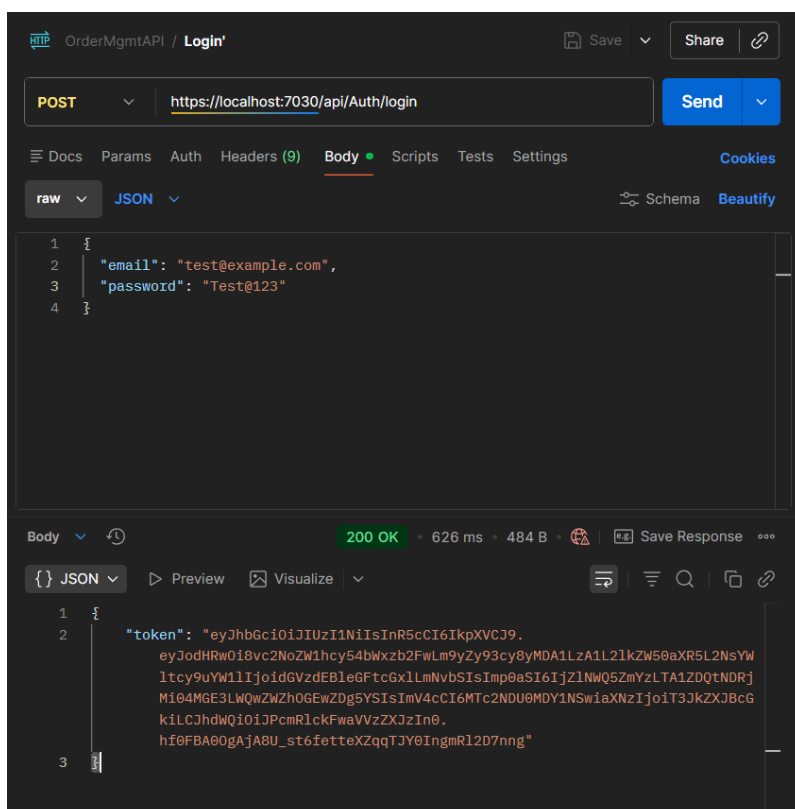
```
PS C:\Users\sanja\source\CSsharp\OrderMgmtAPI\OrderMgmtAPI>
```

Postman Results

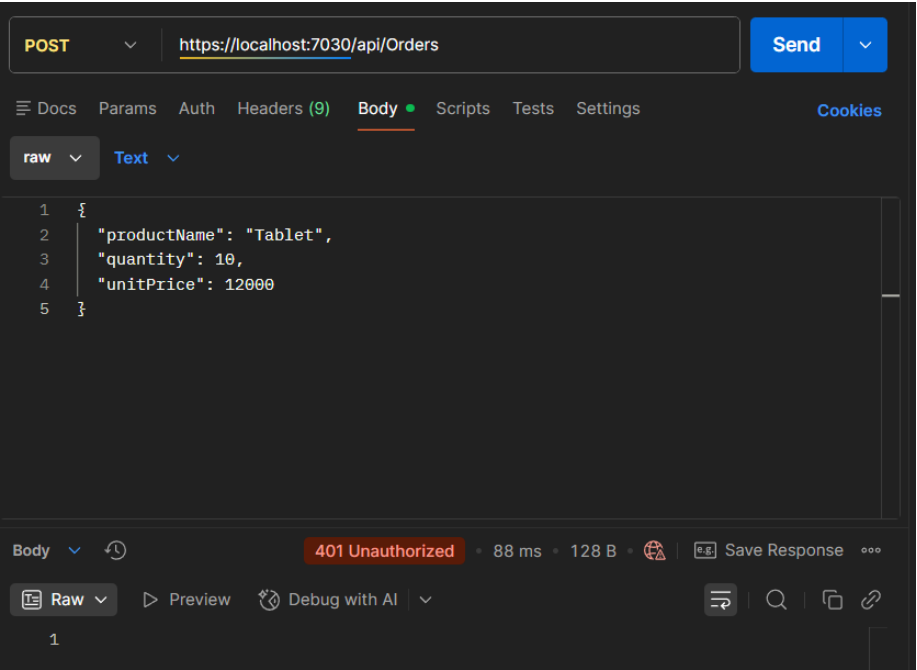
Register :



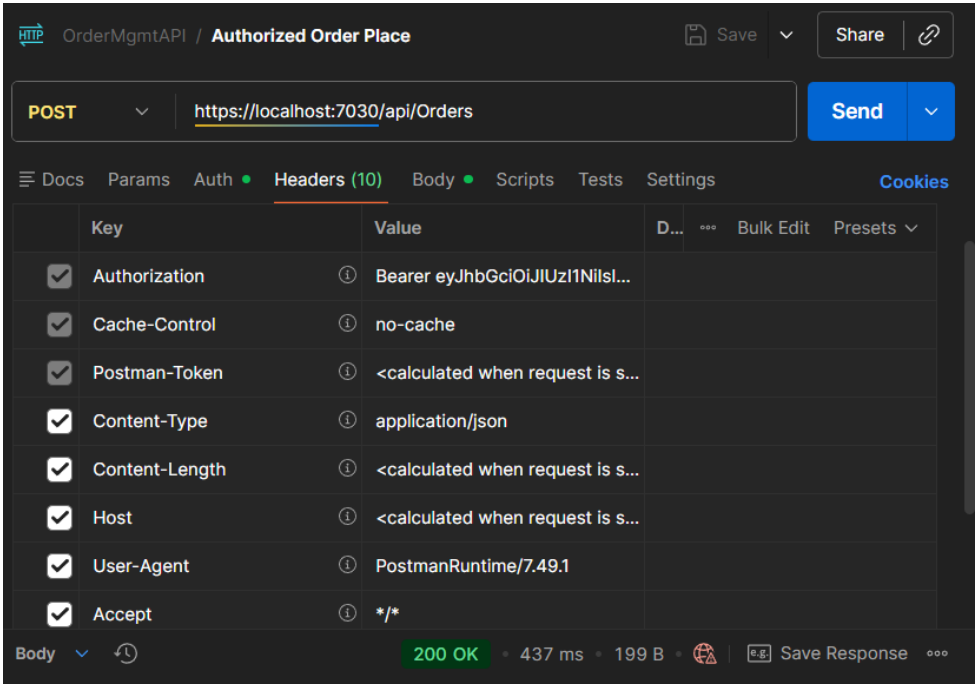
Login :



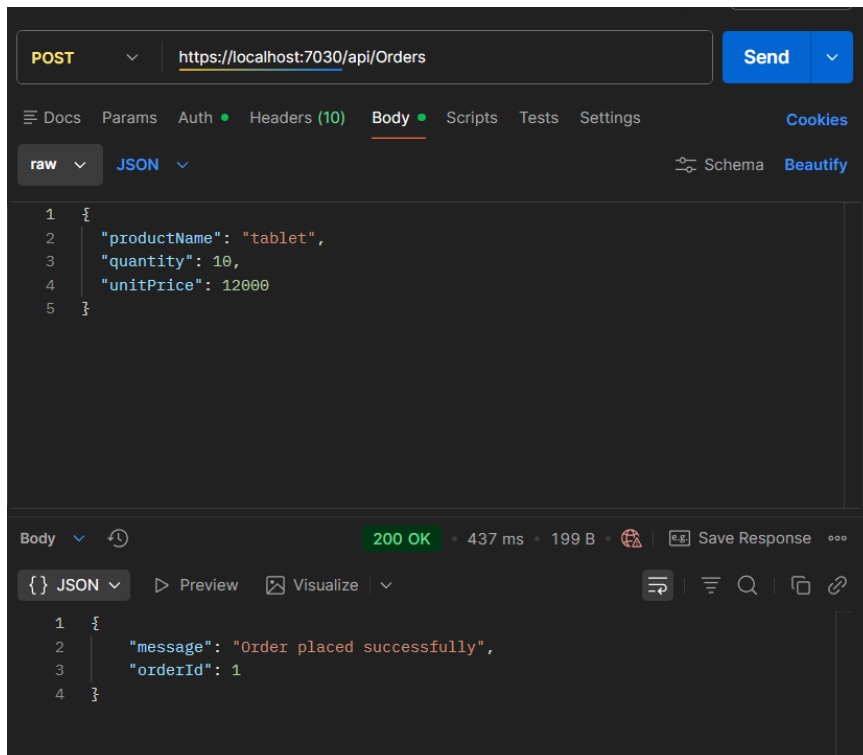
Unauthorized Access of Protected Endpoint :



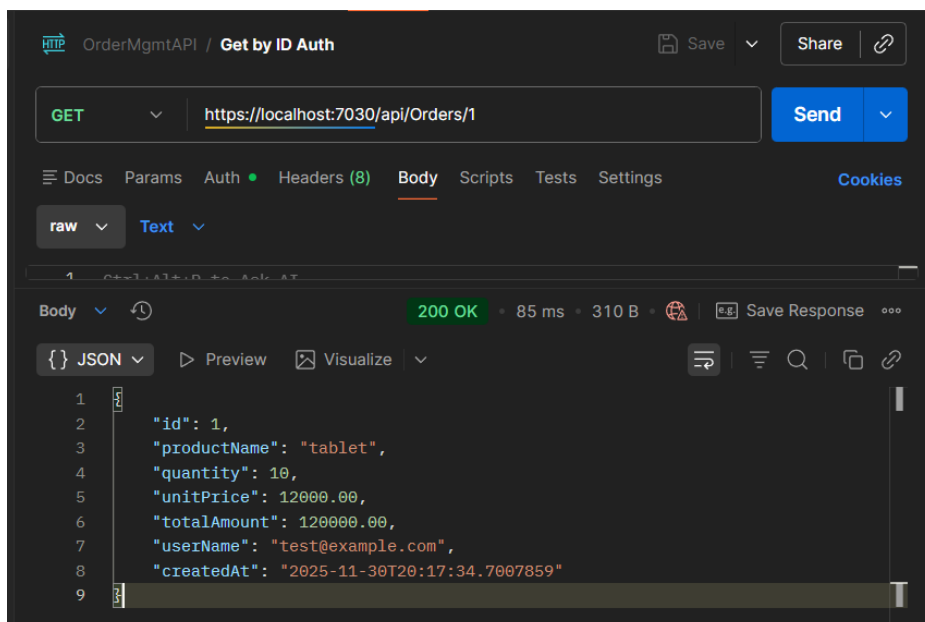
Setting up the bearer token :



Order Placed :



Get Order by ID :



Edit Order :

OrderMgmtAPI / Edit Order

PUT

https://localhost:7030/api/Orders/1

Send

Docs

Params

Auth

Headers (10)

Body

Scripts

Tests

Settings

Cookies

raw

JSON

Schema

Beautify

```
1 {
2   "productName": "laptop",
3   "quantity": 10,
4   "unitPrice": 32000
5 }
```

Body

200 OK

166 ms

340 B

Save Response

JSON

Preview

Visualize

```
1 {
2   "message": "Order updated",
3   "order": {
4     "id": 1,
5     "productName": "laptop",
6     "quantity": 10,
7     "unitPrice": 32000,
8     "totalAmount": 320000,
9     "userName": "test@example.com",
10    "createdAt": "2025-11-30T20:17:34.7007859"
11  }
12 }
```

Delete Order :

OrderMgmtAPI / Delete Order

DELETE

https://localhost:7030/api/Orders/1

Send

Docs

Params

Auth

Headers (10)

Body

Scripts

Tests

Settings

Cookies

Query Params

	Key	Value	Description	Bulk Edit
--	-----	-------	-------------	-----------

Body

200 OK

62 ms

175 B

Save Response

JSON

Preview

Visualize

```
1 {
2   "message": "Order deleted"
3 }
```

Get All Order :

The screenshot shows a REST client interface with the following details:

- Request:**
 - Method: GET
 - URL: <https://localhost:7030/api/Orders>
 - Body (raw):

```
1 {
2   "productName": "tablet",
3   "quantity": 10,
4   "unitPrice": 12000
5 }
```
- Response:**
 - Status: 200 OK
 - Time: 33 ms
 - Size: 644 B
 - Content-Type: application/json
 - Body (JSON):

```
1 [
2   {
3     "id": 2,
4     "productName": "tablet",
5     "quantity": 10,
6     "unitPrice": 12000.00,
7     "totalAmount": 120000.00,
8     "userName": "test@example.com",
9     "createdAt": "2025-11-30T21:09:48.6188075"
10  },
11  {
12    "id": 3,
13    "productName": "Telivisions",
14    "quantity": 20,
15    "unitPrice": 62000.00,
16    "totalAmount": 1240000.00,
17    "userName": "test@example.com",
18    "createdAt": "2025-11-30T21:10:32.0289081"
19  },
20  {
21    "id": 4,
22    "productName": "Phones",
```