

Lab3- WebApi_Handson

1. Creating Project EmployeeApiDemo

Configure your new project

ASP.NET Core Web API C# Linux macOS Windows API Cloud Service Web Web API

Project name
EmployeeApiDemo

Location
C:\Users\KIIIT\OneDrive\Desktop\Cognizant

Solution
Create new solution

Solution name ⓘ
EmployeeApiDemo

☐ Place solution and project in the same directory

Project will be created in "C:\Users\KIIIT\OneDrive\Desktop\Cognizant\EmployeeApiDemo\EmployeeApiDemo\"

Additional information

ASP.NET Core Web API C# Linux macOS Windows API Cloud Service Web Web API

Framework ⓘ
.NET 8.0 (Long Term Support)

Authentication type ⓘ
None

☒ Configure for HTTPS ⓘ

☐ Enable container support ⓘ

Container OS ⓘ
Linux

Container build type ⓘ
Dockerfile

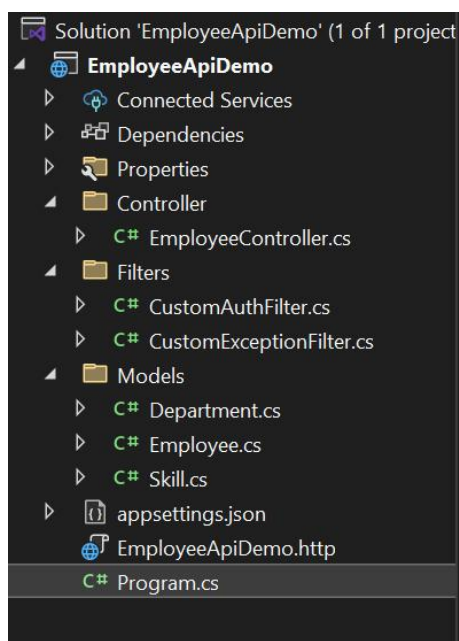
☒ Enable OpenAPI support ⓘ

☐ Do not use top-level statements ⓘ

☒ Use controllers ⓘ

☐ Enlist in .NET Aspire orchestration ⓘ

Aspire version ⓘ
8.0



Sample Output:

Swagger Demo

v1 OAS 3.0

/swagger/v1/swagger.json

Custom Employee WebAPI

John Doe - Website

Send email to John Doe

Employee

GET /api/Employee

POST /api/Employee

PUT /api/Employee/{id}

Schemas

Department >

Employee >

ProblemDetails >

Skill >

Swagger Demo

v1 OAS 3.0

/swagger/v1/swagger.json

Custom Employee WebAPI

John Doe - Website

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Employee

GET /api/Employee

Parameters

No parameters

Execute

Responses

Code	Description	Links
200	OK	No links
Media type		
text/plain		
Controls Accept header.		
Example Value Schema		
<pre>{ "id": 0, "name": "string", "salary": 0, "permanent": true, "department": { "id": 0, "name": "string" }, "skills": [{ "id": 0, "name": "string" }], "dateOfBirth": "2025-07-10T09:30:44.734Z" }</pre>		
500	Internal Server Error	No links

POST /api/Employee

PUT /api/Employee/{id}