**2.Web Api using .Net core with Swagger**

**a)Program.cs:**

**using Microsoft.OpenApi.Models;**

**var builder = WebApplication.CreateBuilder(args);**

**builder.Services.AddControllers();**

**builder.Services.AddSwaggerGen(c =>**

**{**

**c.SwaggerDoc("v1", new OpenApiInfo**

**{**

**Title = "Swagger Demo",**

**Version = "v1",**

**Description = "TBD",**

**TermsOfService = new Uri("https://example.com/terms"),**

**Contact = new OpenApiContact**

**{**

**Name = "John Doe",**

**Email = "john@xyzmail.com",**

**Url = new Uri("https://www.example.com")**

**},**

**License = new OpenApiLicense**

**{**

**Name = "License Terms",**

**Url = new Uri("https://www.example.com")**

**}**

**});**

**});**

**var app = builder.Build();**

**if (app.Environment.IsDevelopment())**

**{**

**app.UseSwagger();**

**app.UseSwaggerUI(c =>**

**{**

**c.SwaggerEndpoint("/swagger/v1/swagger.json", "Swagger Demo");**

**});**

**}**

**// app.UseHttpsRedirection(); // optional**

**app.UseAuthorization();**

**app.MapControllers();**

**app.Run();**

**EmployeeController.cs:**

**using Microsoft.AspNetCore.Mvc;**

**using System.Collections.Generic;**

**namespace FirstWebApi.Controllers**

**{**

**[ApiController]**

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

**public class EmployeeController : ControllerBase**

**{**

**[HttpGet]**

**public IEnumerable<string> Get()**

**{**

**return new string[] { "John", "Jane", "David" };**

**}**

**}**

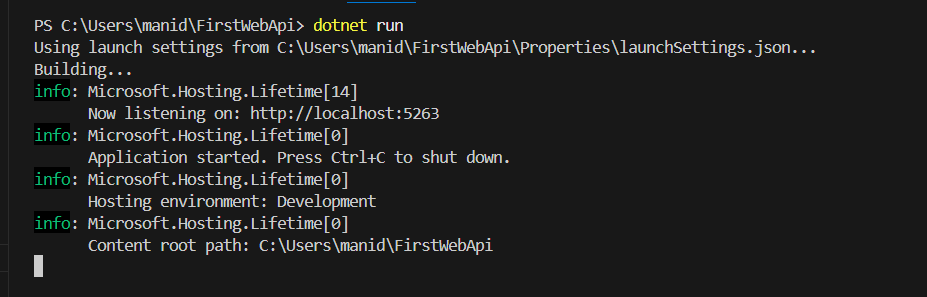
**}**

**Url:**

**Swagger:** [**http://localhost:5263/swagger**](http://localhost:5263/swagger)

**Postman :** [**http://localhost:5263/api/employee**](http://localhost:5263/api/employee)

**Output:**

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