Configuring CORS for MVC / Web API

Follow the steps given below

1. To allow all origins, add the following in the Program.cs

var builder = WebApplication.CreateBuilder(args);

//Add CORS

builder.Services.AddCors(options =>

{

options.AddPolicy(name: "MyPolicy", policy =>

{

policy.AllowAnyOrigin()

.AllowAnyMethod();

});

});

1. To allow specific origins, add the following in Program.cs

var MyAllowSpecificOrigins = "\_myAllowSpecificOrigins";

var builder = WebApplication.CreateBuilder(args);

builder.Services.AddCors(options =>

{

options.AddPolicy(name: "MyPolicy",

policy =>

{

policy.WithOrigins("http://example.com",

"http://www.contoso.com")

.WithMethods("PUT", "DELETE", "GET");

});

})

1. Now the above configuration must be added as a middleware, so that it can be passed as part of the request pipeline. Only add the highlighted line.

app.UseHttpsRedirection();

app.UseCors();

app.UseAuthentication();

app.UseAuthorization();

1. Now it is time to decide, which APIs you would want to expose to other websites and apps.

[EnableCors("MyPolicy")]

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

[ApiController]

public class NameController : ControllerBase

{

1. This completes the configuration.