

4. Program.cs (Minimal API)

```
// Program.cs  
  
using Microsoft.AspNetCore.Builder;  
using Microsoft.Extensions.DependencyInjection;  
using RoboticArmWeb.Models;  
  
var builder = WebApplication.CreateBuilder(args);  
  
// Register ArmClient as a singleton  
builder.Services.AddSingleton<ArmClient>();  
  
var app = builder.Build();  
  
// Serve static files (index.html under wwwroot)  
app.UseDefaultFiles();  
app.UseStaticFiles();  
  
// REST endpoint: GET latest telemetry  
app.MapGet("/api/telemetry", (ArmClient arm) =>  
{
```

```
return Results.Json(arm.GetLatestTelemetry());  
    });
```

```
    // REST endpoint: POST new command  
    app.MapPost("/api/command", async (ArmClient arm,  
        Command cmd) =>  
        {  
            await arm.SendCommandAsync(cmd);  
            return Results.Ok();  
        }  
    });
```

```
    app.Run();
```