**Authentication and Authorization in Blazor Hybrid (MAUI Blazor)**

This tutorial will cover the following topics:

* Authentication and Authorization using JWT tokens
* Automatic JWT token generation
* Managing authentication state
* Retrieving login and logout times
* Interacting with a Microsoft SQL Server Database using ASP.NET Core Web API
* New user registration with photo upload using ASP.NET Core Web API
* Browse and capturing photos
* Retrieving login user information using ASP.NET Core Web API

**Software Requirements:**

* Visual Studio 2022 (latest version)
* Microsoft SQL Server 2016 or higher

**Required NuGet Packages:**

* Microsoft.AspNetCore.Components.Authorization
* Newtonsoft.Json
* System.IdentityModel.Tokens.Jwt

**How to Run This Program:**

1. **Download and Run the Web API:**
   * First, download and run my Web API GitHub Repository: https://github.com/HasanSoherwardi/CRUD\_ASP.NETCore\_WebApi
   * Follow the instructions in the repository's description to run the Web API successfully.
   * Keep the Web API's output window open once it's running.
2. **Download and Run the Authentication and Authorization Project:**
   * Now, download and run the Authentication and Authorization repository in a separate window of Visual Studio 2022.
3. **Login Credentials:**
   * **Admin User:**
     + User-Id: hasan
     + Password: 123456
   * **Other Users:**
     + User-Id: hamza
     + Password: 123456
     + User-Id: murtaza
     + Password: 123456

**Happy Programming!**