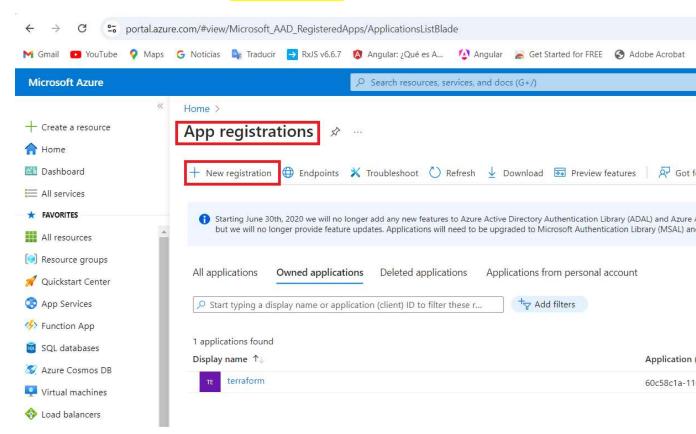
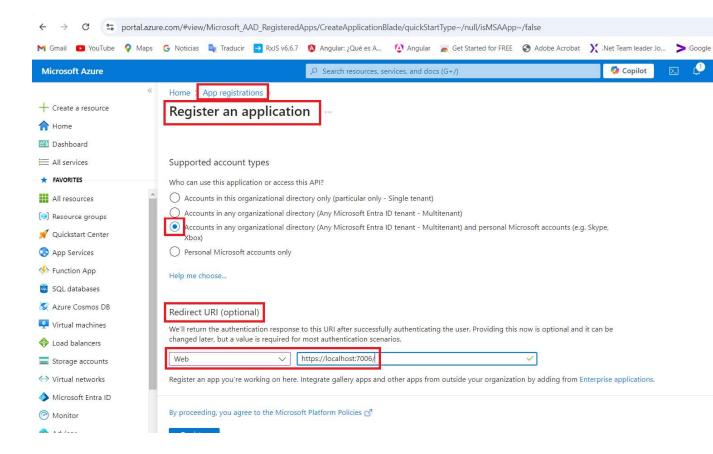
How to include Microsoft Authentication in a Blazor Web Application

- 1. Create a Blazor Web App including Identity with Visual Studio 2022 Community Edition
- 2. Load the Microsoft.AspNetCore.Authentication.MicrosoftAccount with Nuget
- 3. Add this code in the application middleware (Program.cs)

4. Login in Azure and navigate to App registrations service



5. Application Registration -> New Registration



6. We select the option "Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)"

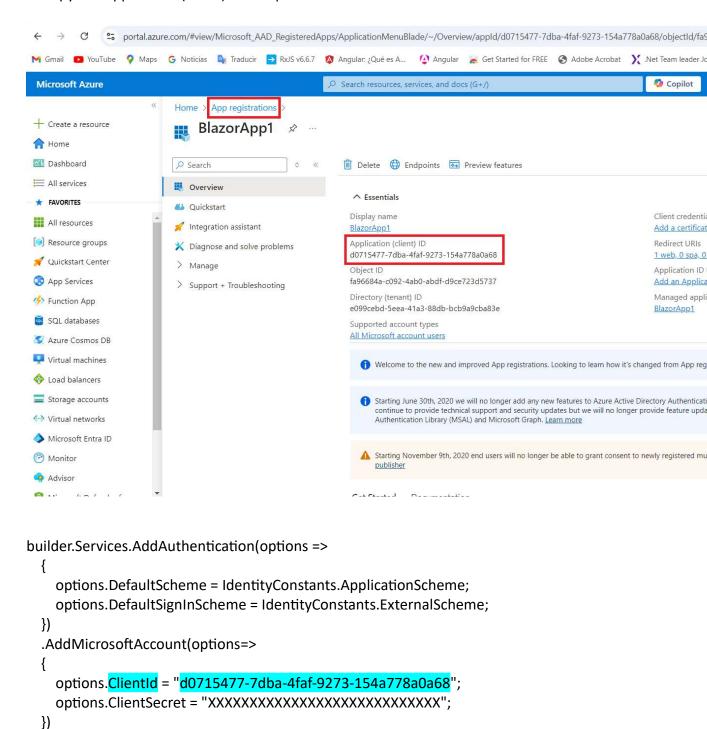
We also select the option Redirect URI (optiona)->Web->

And we enter the Blazor web application URL: https://localhost:7006/signin-microsoft

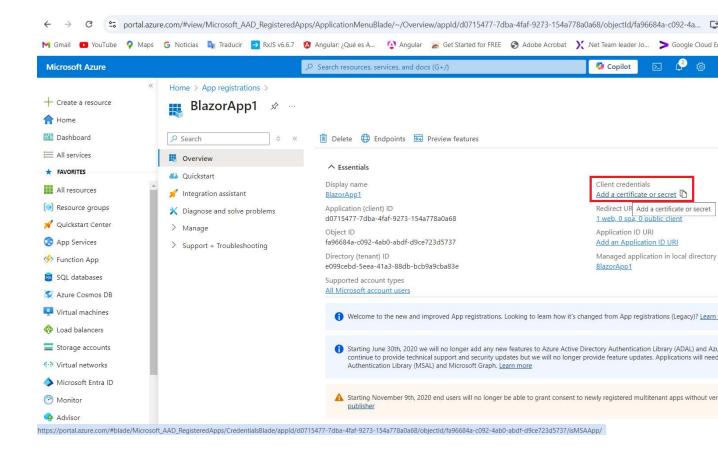
We press the **Register** button

7. Copy the Application (client) ID and plaste in the ClientId in the middleware

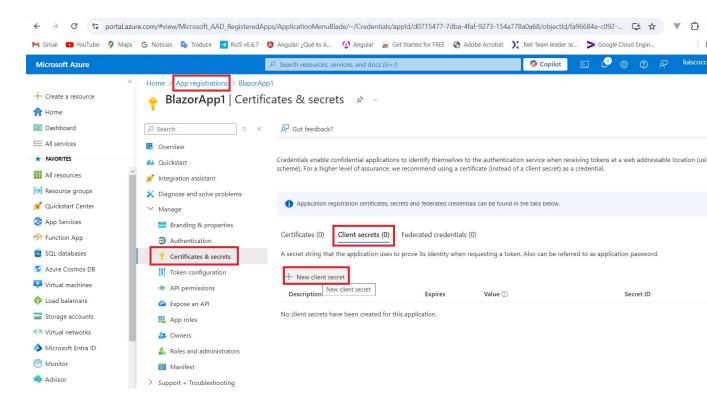
.AddIdentityCookies();



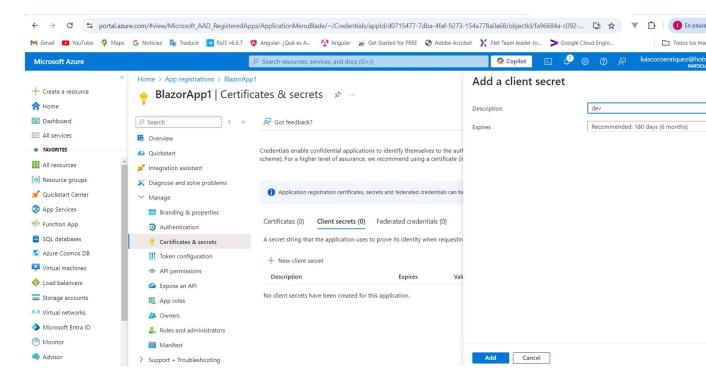
8. We press in the link "Add a certificate or secret"

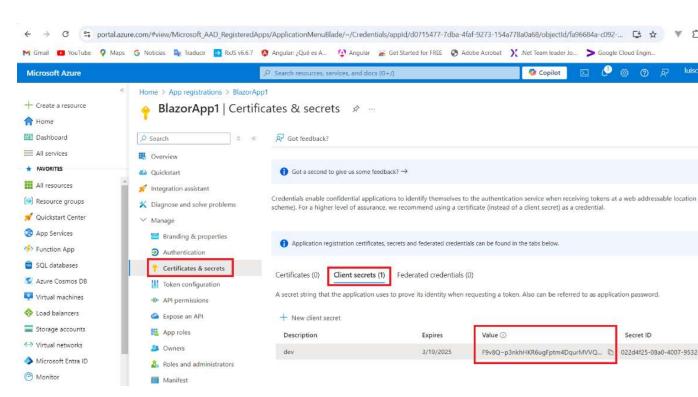


9. In the Client secrets tab we press on the "New client secret"



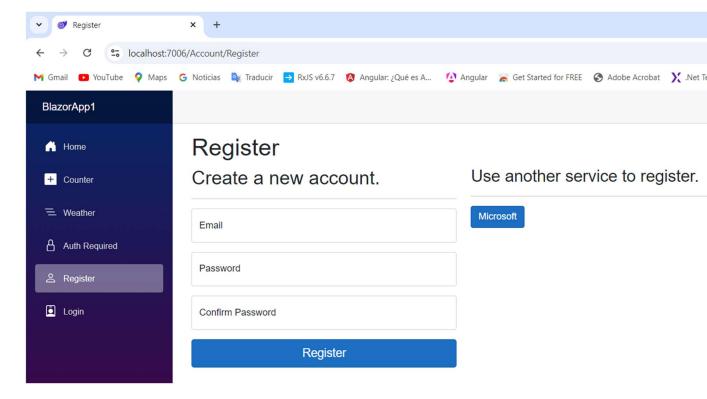
10. We set the new secret name, for example: dev

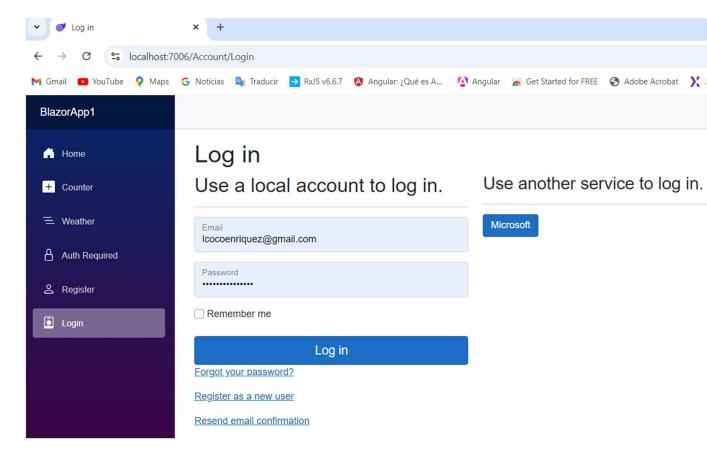




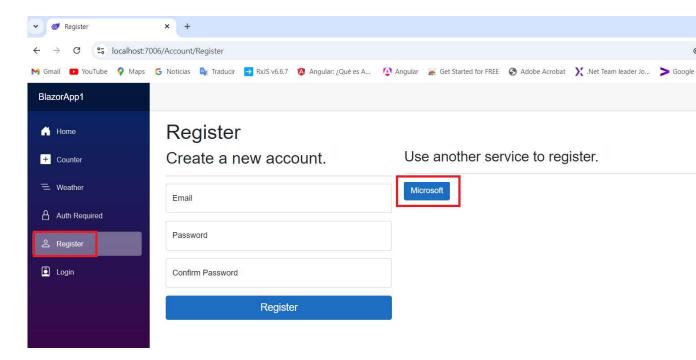
11. Update in the middleware (Program.cs) the ClientSecret value with the value copied from

12. Now we run tha Blazor Web App and we navigate to the Register and Login pages

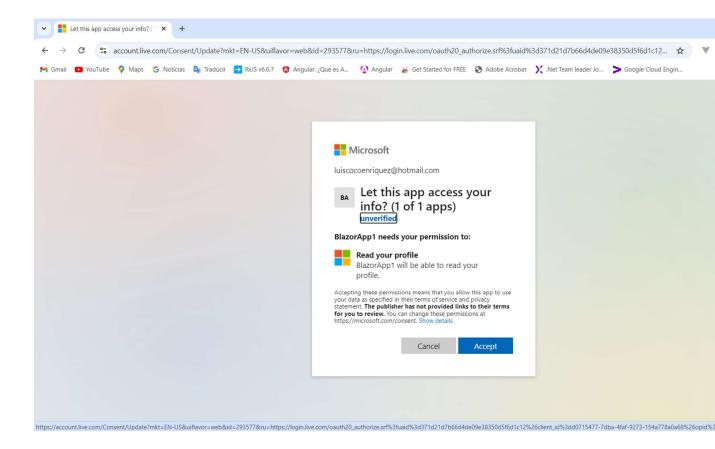




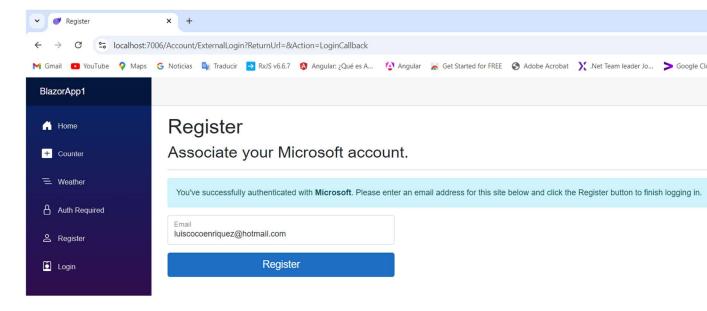
13. We press in the Microsoft button for Registering a new user in the application



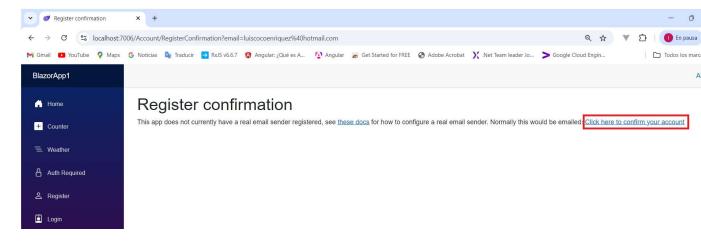
We are redirected to the Microsoft Athentication process, we enter our Microsoft Account username: luiscocoenriquez@hotmail.com and the password



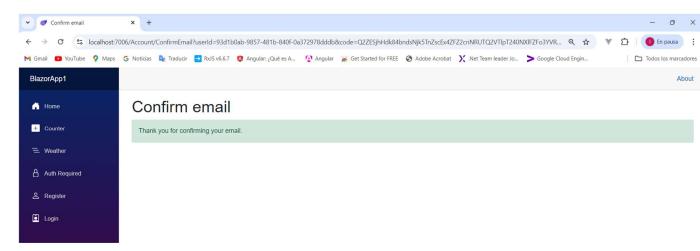
14. After the Microsoft authentication is successfully, we press in the Register button for creating the new account.



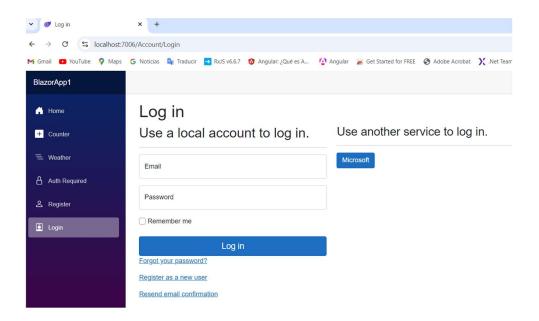
15. We press in the link "Click here to confirm your account" to confirm the new account



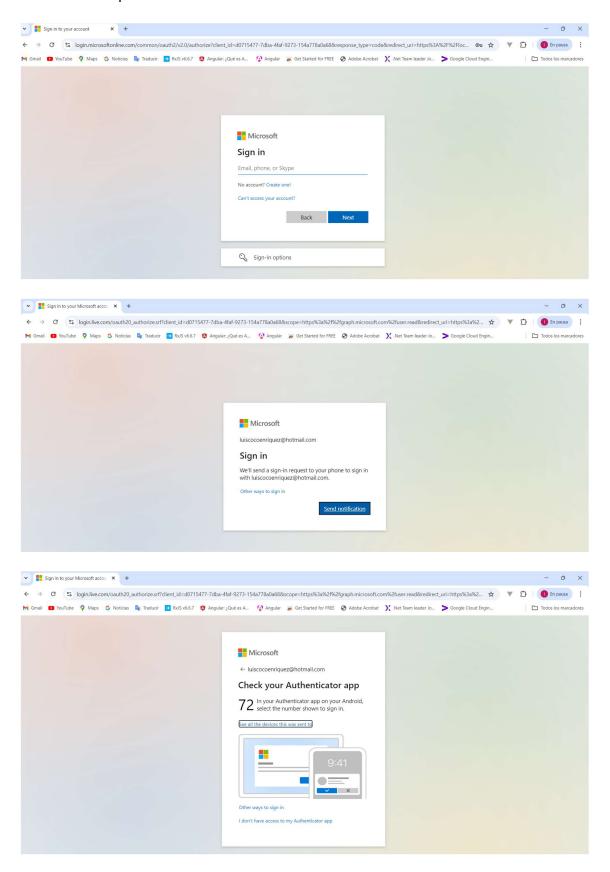
16. We get the confirmation email message



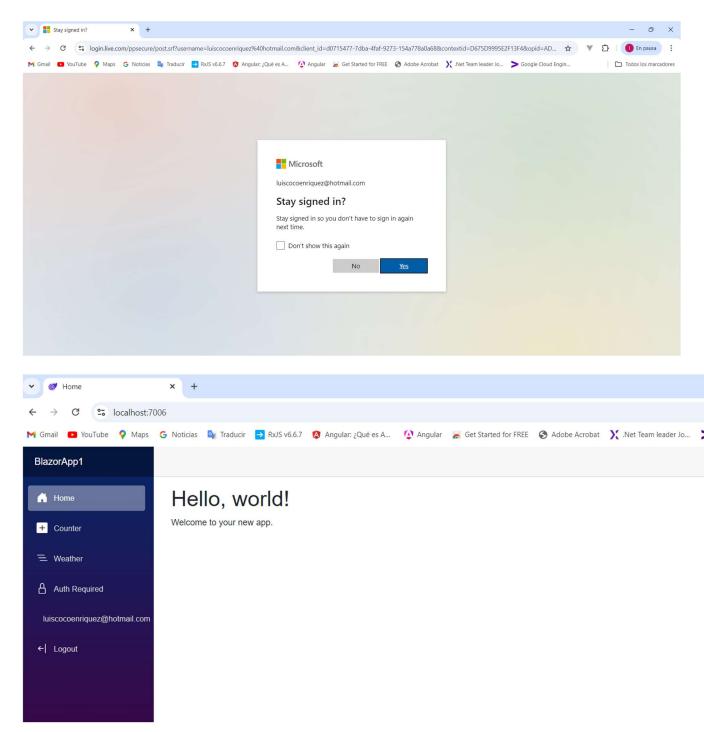
17. For accessing the application with the Microsoft Login, we press in the Microsoft button



18. After pressing the Microsoft button in the Login page we are asked to enter the username and password for Microsoft Authentication



We open Microsoft Authenticator application in our Mobile Phone and then press the 72 value and approve button for accessing our Blazor Web App.



19. We open the personal data panel and confirm the External Authentication with Microsoft

