**Angular recaptcha**

**<https://github.com/xmaestro/angular2-recaptcha>**

**ASP.NET Core Auth**

[**https://auth0.com/blog/asp-dot-net-core-authentication-tutorial/**](https://auth0.com/blog/asp-dot-net-core-authentication-tutorial/)

**Authentication Entity framework**

Para generar la base de datos hay que ejecutar estos dos comandos sobre el proyecto data en PM console:

* Add-Migration InitialMigration (para generar los scripts de bd)
* Update-Database (para generar la bd con la migración especificada generada por el comando anterior, esto es opcional, por defecto coge la última)

Hay que tener configurada entity framework en el proyecto api (startup.cs)

// context configuration

services.AddDbContext<SoundCatalogContext>(options =>

options.UseSqlServer(Configuration.GetConnectionString("defaultConnection")));

services

.AddIdentity<ApplicationUser, IdentityRole>()

.AddEntityFrameworkStores<SoundCatalogContext>();

Una vez instalados los packages necesarios:

Microsoft.AspNetCore.Identity.EntityFramwo

<http://benjii.me/2017/05/enable-entity-framework-core-migrations-visual-studio-2017/>

JWT bearer

https://www.codeproject.com/Articles/1205160/ASP-NET-Core-Bearer-Authentication

**Angular Http Interceptor sent auth token**

https://ryanchenkie.com/angular-authentication-using-the-http-client-and-http-interceptors

**Angular reactive form validations**

https://medium.com/front-end-hacking/reactive-forms-and-form-validation-with-angular-fdcbcf98e1e8

**Angular modules**

https://johnpapa.net/introducing-angular-modules-feature-modules-2/

**Angular jwt component**

<https://github.com/auth0/angular2-jwt#using-jwthelper-in-components>

**Route Guards**

<https://ryanchenkie.com/angular-authentication-using-route-guards>

<http://jasonwatmore.com/post/2016/12/08/angular-2-redirect-to-previous-url-after-login-with-auth-guard>

**Email verification**

<https://docs.microsoft.com/es-es/aspnet/core/security/authentication/accconfirm?tabs=aspnetcore2x%2Csql-server>