**.Net & Angular Packages from Section 6**

Angular Language Service 🡺 Extension

Angular Snippets (Version 9) 🡺 Extension

Bracket Pair Colorizer 2 🡺 Extension

ng add ngx-bootstrap (Angular 🡺 Adding Bootstrap)

npm install font-awesome (Angular 🡺 Font Awesome)

npm install ngx-toastr (Angular 🡺 Notification Service)

npm install bootswatch (Angular 🡺 Themes)

ng g m shared –flat (Angular 🡺 To create module)

ng g interceptor --skip—tests (Angular 🡺 To create interceptors)

npm install ng2-file-upload (Angular 🡺 TO upload files like photos)

npm install ngx-timeago (Angular 🡺 <https://www.npmjs.com/package/ngx-timeago> )

**System.IdentityModel.Tokens.Jwt** (.Net, JWT Tokens)

**Microsoft.AspNetCore.Authentication.JwtBearer** (ASP.NET Core middleware that enables an application to receive an OpenID Connect bearer token.)

**Microsoft.EntityFrameworkCore** (.NetCore, EF)

**RefreshAutoMapper.Extensions.Microsoft.DependencyInjection** 🡺 (.NetCore, AutoMapper)

**CloudinaryDotNet** by Cloudinary (Image Upload 3rd Party Api)

**Microsoft.AspNetCore.Identity.EntityFrameworkCore** (Identity Package By Microsoft)

**Angular**

<https://angular.io/guide/structural-directives#:~:text=Structural%20directives%20are%20responsible%20for,directive%20to%20a%20host%20element>.

<https://www.c-sharpcorner.com/article/interceptor-in-angular/>

<https://stackoverflow.com/questions/42107167/how-to-pass-data-from-child-to-parent-component-angular>

<https://stackoverflow.com/questions/51520584/what-is-observable-observer-and-subscribe-in-angular>

<https://stackoverflow.com/questions/57818605/pass-data-from-parent-component-to-child-component-using-input-decorator-in-ang>

<https://www.c-sharpcorner.com/article/viewchild-in-angular/>

<https://www.c-sharpcorner.com/article/custom-validation-in-angular-reactive-forms/>

<https://www.c-sharpcorner.com/article/formbuilder-service-in-angular/>

<https://stackoverflow.com/questions/34179897/typescript-and-spread-operator>

<https://dzone.com/articles/understanding-angular-route-resolvers-by-example#:~:text=What%20Is%20an%20Angular%20Route,before%20a%20component%20is%20loaded>.

**.Net**

<https://stackoverflow.com/questions/31942037/how-to-enable-cors-in-asp-net-core>

<https://www.dotnettricks.com/learn/linq/understanding-single-singleordefault-first-and-firstordefault#:~:text=When%20you%20want%20an%20exception,contains%20no%20record%2C%20use%20SingleOrDefault.&text=When%20you%20want%20a%20default%20value%20if%20the,contains%20no%20record%2C%20use%20FirstOrDefault>.

JWT 🡺 3 Parts.

1. Header(Contains Algo & Type)
2. Payload(Contains claim)
3. Signature()

<https://stackoverflow.com/questions/60757441/different-order-of-the-calls-to-configureservices-between-net-core-2-1-and-3-1>

<https://stackoverflow.com/questions/15035330/what-does-this-keyword-mean-in-a-method-parameter>

<https://www.tutorialspoint.com/asp.net_core/asp.net_core_middleware.htm>

<https://entityframeworkcore.com/saving-data-cascade-delete#:~:text=Cascade%20delete%20allows%20the%20deletion,delete%20behaviors%20of%20individual%20relationships>.

<https://stackoverflow.com/questions/47247172/create-database-dynamically-with-migrations>

**Repository Pattern:** A repository mediates between domain and data mapping layers. Acting like and in-memory domain object collection.

<https://www.c-sharpcorner.com/UploadFile/b1df45/getting-started-with-repository-pattern-using-C-Sharp/>

<https://dotnettutorials.net/lesson/automapper-in-c-sharp/>

<https://docs.automapper.org/en/stable/Queryable-Extensions.html>

<https://stackoverflow.com/questions/59199593/net-core-3-0-possible-object-cycle-was-detected-which-is-not-supported>

<https://www.geeksforgeeks.org/c-sharp-adding-the-elements-of-the-specified-collection-to-the-end-of-the-list/#:~:text=AddRange(IEnumerable),resized%20dynamically%20but%20arrays%20cannot>.

<https://stackoverflow.com/questions/25673089/why-is-access-control-expose-headers-needed#:~:text=In%20order%20to%20ensure%20that,in%20a%20pre%2DCORS%20world>.

**Bootstrap**

<https://valor-software.com/ngx-bootstrap/#/pagination>