PROJECT ARCHITECTURE

Fc.Infraestructure

Contains classes used in whole the application for transversal purposes. This project contains a container that have the role to expose the resources consumed by Fc.Repository layer, Fc.DomainServices layer and Fc.Data layer.

Fc.Data

Contains the entity framework context for those objects who should be stored the information in the DB. Here is used entity framework core in memory for avoid to create databases. This project contains a container that have the role to expose the resources consumed by Fc.Repository layer and Fc.DomainServices layer.

Fc.Entities

Contains all the classes required for business logic and test purposes.

Fc.Repository

Contains classes used by the Fc.DomainService layer through the exposition on interfaces using a container class.

Fc.DomainServices

Contains classes that executes business role logic like CRUD operations and other more. The capabilities are exposer by interfaces with the help of a container class.

Fc.Api

Is the restful project and exposes the project functionality.

General technologies used:

Autofac -> Dependency injector.

Automapper -> Mapping between dtos and classes.

EntityFrameworkCore -> Orm.

Angular 12 -> Project in the frontend