Name	UML OnionArchitecture
Description	Overview of classes and interfaces in Onion Architecture

Chirp.Infrastructure

Chirp.Repositories

<<Interface>>
ICheepRepository
- +GetCheeps(page, pageSize) : List<CheepDto>
- +GetCheepsFromAuthor(author, page, pageSize) : List<C...
- +GetCheepsFromPage(page, pageSize, CancellationToke...
- +GetCheepsFromAuthorAndPage(authorname, page, pag...
- +AddCheep(cheepdto)
- +LikeCheep(authorname, cheepId)

<<Interface>>
IAuthorRepository
- +GetAuthorByName(authorname) : Author
- +GetAuthorByEmail(email) : Author
- +AddAuthor(authorname, email)
- +Follow(followerUserName, followeeUserName) : Task
- +Unfollow(followerUserName, followeeUserName) : Task
- +GetFollowing(usernameOrEmail) : Task<List<Author>>
- +GetFollowers(usernameOrEmail) : Task<List<Author>>

CheepRepository
- -ChirpDBContext _context
- -int DefaultPage Size
- -TimeZoneInfo CopenhagenZone
- +CheepRepository(ChirpDBContext context)

AuthorRepository
- -ChirpDBContext _context
- +AuthorRepository(ChirpDBContext context)

Chirp.Service

<<Interface>>
ICheepService
- +GetCheeps(page, pageSize) : List<CheepDto>
- +GetCheepsFromAuthor(author, page, pageSize) : List<C...
- +AddCheep(authorUserName, text)
- +LikeCheep(authorUserName, cheepId)

<<Interface>>
IAuthorService
- +GetAuthorByName(authorname) : Author
- +GetAuthorByEmail(email) : Author
- +AddAuthor(authorname, email)
- +Follow(followerUserName, followeeUserName) : Task
- +Unfollow(followerUserName, followeeUserName) : Task

CheepService
- -ICheepRepository _cheepRepository
- +CheepService(ICheepRepository cheepRepository)

AuthorService
- -IAuthorRepository _authorRepository
- +AuthorService(IAuthorRepository authorRepository)

ChirpDBContext
- +DbSet Cheeps
- +DbSet Authors
- +DbSet CheepLikes
- +ChirpDBContext(DbContextOptions options)
- #OnModelCreating(ModelBuilder builder)

Migrations

Chirp.Web

Chirp.db

DbInitializer
- +SeedDatabase(ChirpDBContext chirpContext)

Program

Areas/Identity/Pages

Pages

ASP NET Identity

Chirp.Core

Models

Author
- +Cheeps : List<Cheep>
- +Following : ICollection<Author>
- +Followers : ICollection<Author>

Cheep
- +CheepId : int
- +Text : string
- +TimeStamp : DateTime
- +AuhorId : string
- +Author : Author
- +Likes : int

CheepLike
- +CheepId : int
- +Cheep : Cheep
- +AuthorId : string
- +Author : Author

CheepDto
- +CheepId : int
- +Text : string
- +Author : string
- +TimeStamp : string
- +Likes : int

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