**GW.Framework Project**

v. 4.0

<https://github.com/karllos1982/GW.Framework>

Summary:

Framework for back-end .NET development, basied on DDD architeture.

Especifications:

.Net 6.0, C#, Dapper (or EntityFramework), SQL Server (or anothers databases)

Architeture:

**Project Target Overview**

Core

Membership

Dapper

Domain

Contracts

Data

(Repository)

Models

Mobile App

WebSite

Gateway

API

Application

**Framework Overview**

**# GW.Framework (dll)**

**Common**

DefaultGetParam, InnerException, OperationStatus, RequestStatus, UserStatus, AuthToken, AuthParams, SessionParams, DataLogObject, SourceConfig, PERMISSION\_CHECK\_ENUM, PERMISSION\_STATE\_ENUM, IUserPermissions, UserPermissions, PermissionsState

**Helpers**

DateHelpers, FileHelper, QueryBuilder, Security, Utilities, Validation

Models

(TParam, TModel, TList, TSearchResult)

**Core**

IRepositorySet

**# GW.Membership (dll)**

IContextBuilder

Localization

Mail

Manager

MailSettings

IAppSettings

Manager

IAppSettings

APIGatewayManagerAsync

HttpConnection

APIGatewayResponse

**ApplicationHelpers**

IManager

IDomain

IContext

IRepository

ISettings

**(Sample Implementation of GW.Framework)**

*GW.Common.*

*IContext*

*GW.Core.*

*IDomain*

IMembership

Manager

IMembership

RepositorySet

*GW.Core.*

*IRepository*

Domain

(interfaces)

Instance

Role

User

ObjectPermission

Permission

DataLog

SessionLog

Respositories (interfaces)

Instance

Role

User

UserRoles

UserInstances

ObjectPermission

Permission

DataLog

SessionLog

**Contracts**

PermissionModels

ObjectPermissonsModels

SessionModels

UserModels

DataLogModels

InstanceModels

**Models**

UserInstances

Models

UserRoleModels

RoleModels

Dapper

SqlServerClient

**Data**

InstanceRepository

RoleRepository

UserRepository

UserRolesRepository

UserInstancesRepository

ObjectPermissionRepository

PermissionRepository

DataLogRepository

SessionLogRepository

QuerysManager

Membership

RepositorySet

IDbConnection

IDbTransaction

DapperContext

Membership

RepositorySet

IContext

Membership

Manager

InstanceDomain

RoleDomain

UserDomain

ObjectPermissionDomain

PermissionDomain

DataLogDomain

SessionLogDomain

**Domain**