AuthenticationServiceUser.AuthenticationService

IUserAuthenticationService
- BaseUser Login(string userID, string password)

BaseUserAuthenticationService
- BaseUser Login(string username, string password)

UserAuthenticationService
- BaseUser Login(string username, string password)

AuthenticationServiceUser.Person

IPerson

BasePerson
- string CitizenID
- string Name
- string Surname
- string DisplayInfo()

AuthenticationServiceUser.User

IUser
- bool LogIn(string UserID, string password)
- void LogOut()

BaseUser
- bool isAuthenticated
- bool LogIn(string userID, string password)
- string DisplayInfo()
- string UserID
- string Password
- void LogOut()

AdminUser
- void LogOut()

RegularUser
- void LogOut()

IDatabaseService
- void ConnectionDataBase()
- string GetValue(string query)
- void DeleteValue(string data)
- void SetValue(string data)
- bool ConnectionTest()
- void UpdateValue(string data)

DatabaseService
- void ConnectionDataBase()
- string GetValue(string query)
- void DeleteValue(string data)
- bool ConnectionTest()
- void UpdateValue(string data)
- void SetValue(string data)

PostgreSQLDatabaseService
- void ConnectionDataBase()
- bool ConnectionTest()
- void DeleteValue(string data)
- string GetValue(string query)
- string ConnectionString
- void SetValue(string data)
- void UpdateValue(string data)
- NpgsqlConnection connection

RedisDataBaseService
- void ConnectionDataBase()
- bool ConnectionTest()
- string ConnectionString
- string GetValue(string query)
- void SetValue(string key, string value)
- void DeleteValue(string key)
- void SetValue(string data)
- void UpdateValue(string data)
- void UpdateValue(string key, string newValue)
- IDatabase database

MongoDatabaseService
- bool ConnectionTest()
- string ConnectionString
- void DeleteValue<T>(string collectionName, Filte...
- void SetValue<T>(string collectionName, T data)
- IMongoDatabase database
- void UpdateValue<T>(string collectionName, Filt...
- List<T> GetValue<T>(string collectionName, Filte...

LoginWithSQL
- string GetPasswordFromSQLDataBase(string userl...

DataBaseConnectionStringsForLOGIN
- string connectionStringPostgreDocker
- string connectionStringRedisDocker
- string connectionStringMongoDocker

SQLQueries
- string getAllColumnsFromId
- string getPasswordUserId

DataBackup

BackupManager
- IBackupService[] _backupServices
- string BackupLocation
- void PerformBackup()
- void Start()

IBackupService
- void TakeBackup(string backupLocation)

MongoDBBackupService
- void RunCommand(string command, string argu...
- string RunCommandAndGetOutput(string comm...
- void TakeBackup(string backupLocation)
- bool IsContainerRunning(string containerName)

BackupProcessor
- void StartBackup(string backupLocation)

PostgreSQLBackupService
- bool IsContainerRunning(string containerName)
- string RunCommandAndGetOutput(string comm...
- void TakeBackup(string backupLocation)
- void RunCommand(string command, string argu...

RedisBackupService
- bool IsContainerRunning(string containerName)
- string RunCommandAndGetOutput(string comm...
- void TakeBackup(string backupLocation)
- void RunCommand(string command, string argu...

{} Hash

Hash

- string GetSHA128Hash(string input)
- string GetSHA256Hash(string input)

{} Encryption

IEncryption

- string Decrypt(byte[] cipherText)
- byte[] Encrypt(string plainText)

BaseEncryption

- string Decrypt(byte[] cipherText)
- byte[] Encrypt(string plainText)

AesEncryption

- byte[] iv
- byte[] key
- string Decrypt(byte[] cipherText)
- byte[] Encrypt(string plainText)

KeyIvGenerator

- byte[] AdjustIVLength(string ivInput)
- (byte[] Key, byte[] IV) GenerateRandomKeyAndIV()
- byte[] AdjustKeyLength(string keyInput)