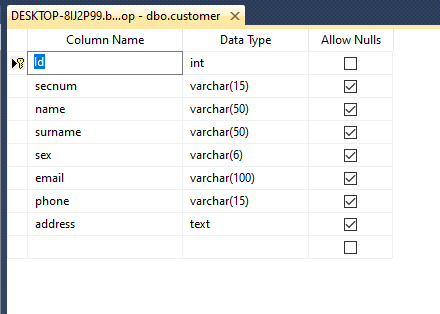
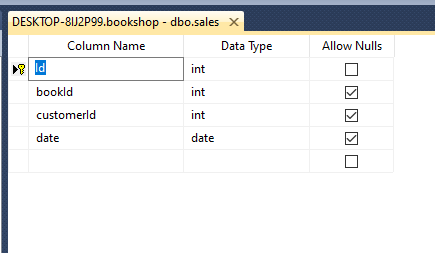


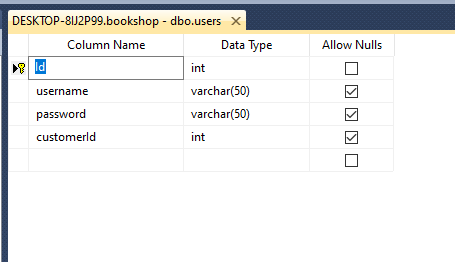
book tablosu yapısı, Id kolonu her kayıt için benzersiz artan sayı tanımlar.



customer tablosu yapısı, Id kolonu her kayıt için benzersiz artan sayı tanımlar.

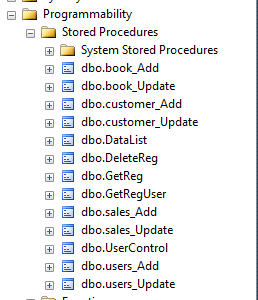


sales tablosu yapısı, Id kolonu her kayıt için benzersiz artan sayı tanımlar.



users tablosu yapısı, Id kolonu her kayıt için benzersiz artan sayı tanımlar.

Tablonun adının “user” olmamasının nedeni system tablosu ile karışmaması içindir.



book\_Add : gelen parametrelerle book tablosuna yeni kayıt ekleme işlemini gerçekleştirir.

book\_Update : gelen parametrelerle book tablosundaki ilgili kaydı günceller.

customer\_Add : gelen parametrelerle customer tablosuna yeni kayıt ekleme işlemini gerçekleştirir.

customer\_Update : gelen parametrelerle customer tablosundaki ilgili kaydı günceller.

DataList : Gelen tablo adındaki tablodaki tüm kayıtları listeler.

DeleteReg : Gelen tablo adı ve Id parametrelerindeki kaydı siler.

GetReg : Gelen tablo adı ve Id parametrelerindeki kaydın bilgilerini listeler.

GetRegUser : Gelen username ve password parametrelerine ait kullanıcının bilgilerini listeler.

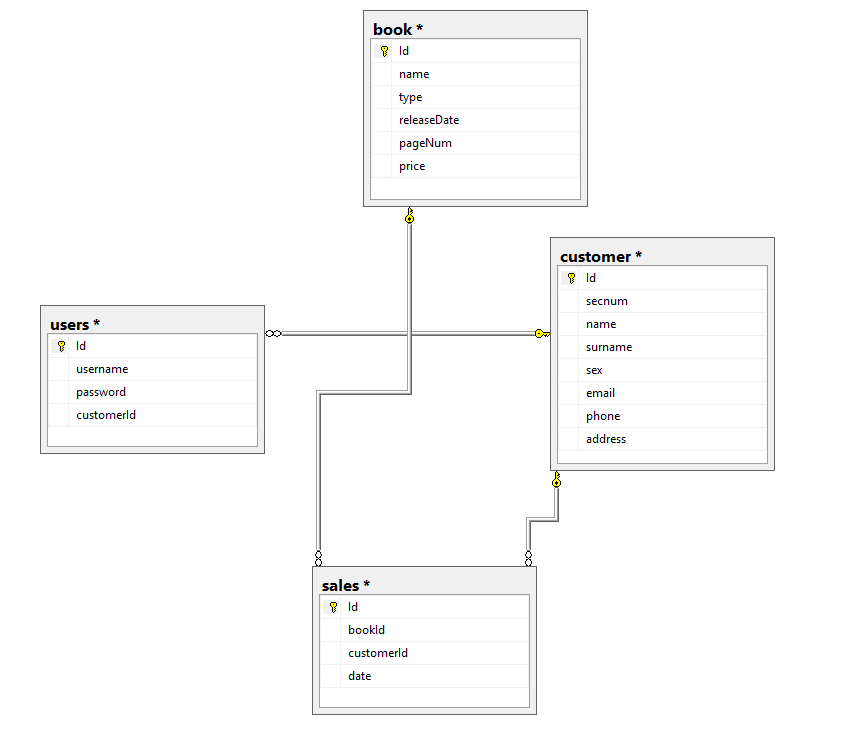
sales\_Add : gelen parametrelerle sales tablosuna yeni kayıt ekleme işlemini gerçekleştirir.

sales\_Update : gelen parametrelerle sales tablosundaki ilgili kaydı günceller.

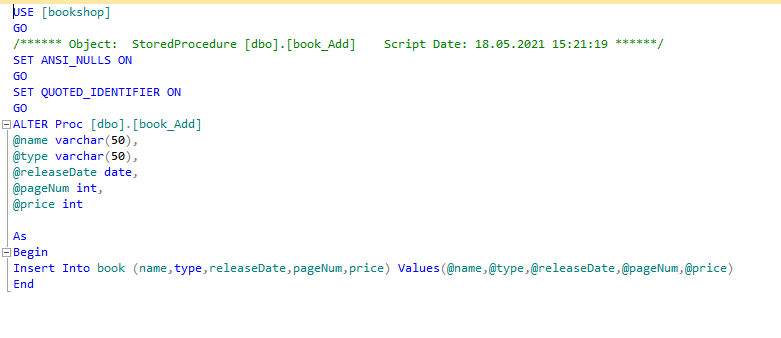
UserControl : Gelen username ve password parametrelerine ait kaydın varlığını kontrol eder.

users\_Add : gelen parametrelerle users tablosuna yeni kayıt ekleme işlemini gerçekleştirir.

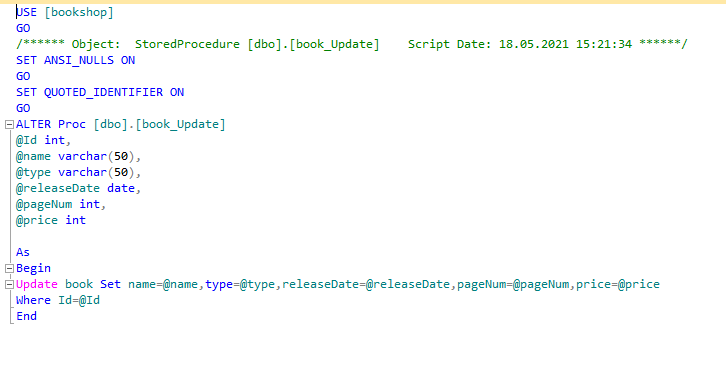
users\_Update : gelen parametrelerle users tablosundaki ilgili kaydı günceller.



Veritabanı diagramı



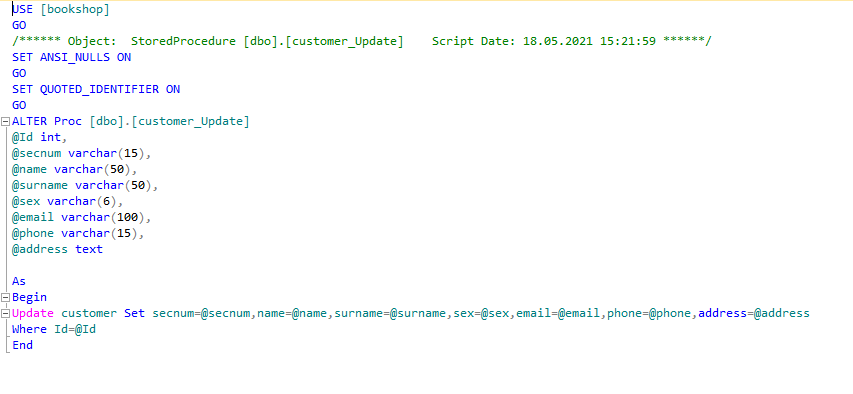
Gelen parametreler ile book tablosuna yeni bir kayıt ekler.



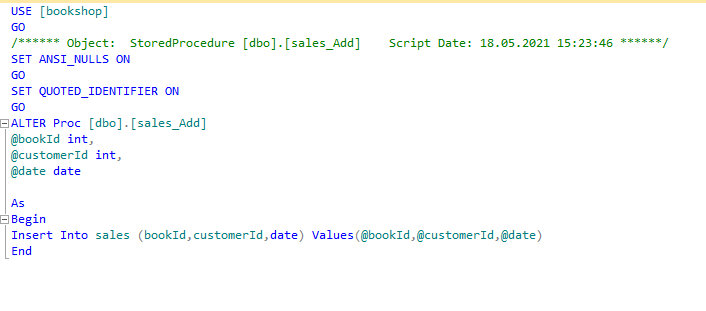
Gelen parametrelerdeki kaydın değerlerini yenileri ile günceller. (Id ile kayıt bulunur)



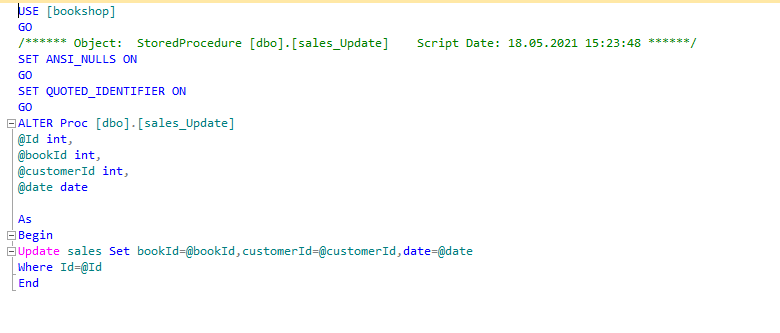
Gelen parametreler ile customer tablosuna yeni bir kayıt ekler.



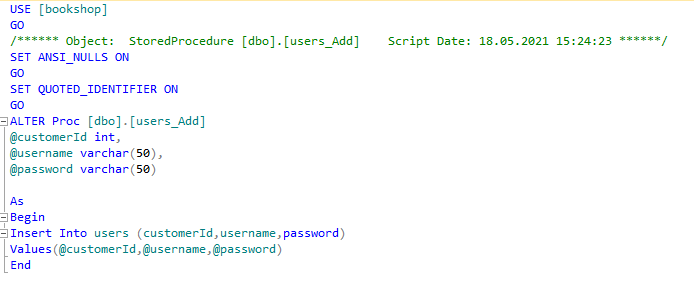
Gelen parametrelerdeki kaydın değerlerini yenileri ile günceller. (Id ile kayıt bulunur)



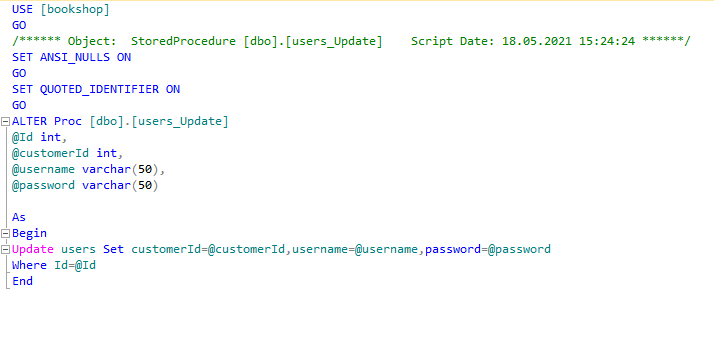
Gelen parametreler ile sales tablosuna yeni bir kayıt ekler.



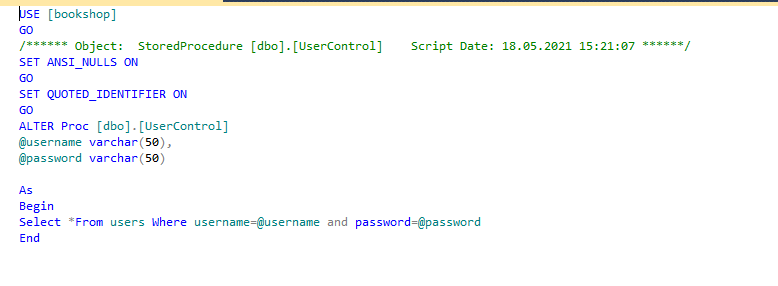
Gelen parametrelerdeki kaydın değerlerini yenileri ile günceller. (Id ile kayıt bulunur)



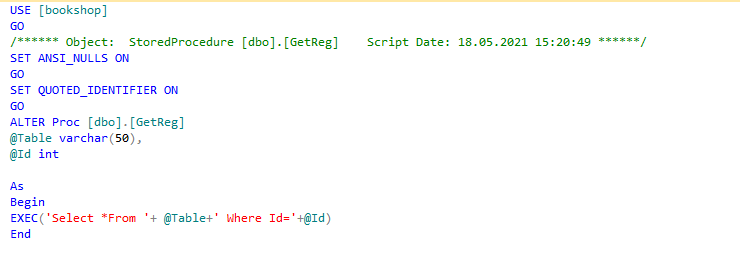
Gelen parametreler ile users tablosuna yeni bir kayıt ekler.



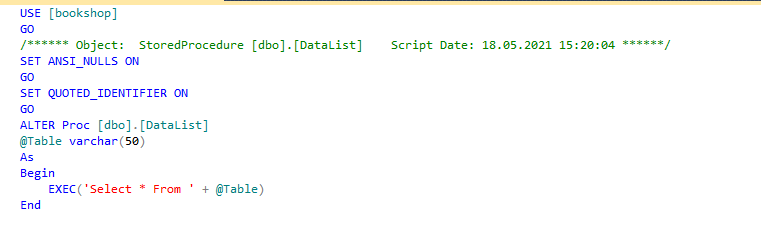
Gelen parametrelerdeki kaydın değerlerini yenileri ile günceller. (Id ile kayıt bulunur)



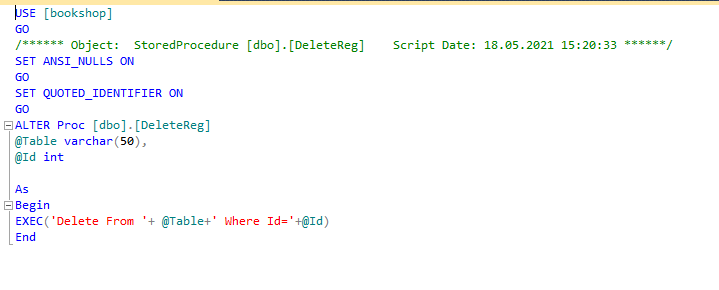
Gelen username ve password bilgisine ait kaydın varlığını kontrol eder.



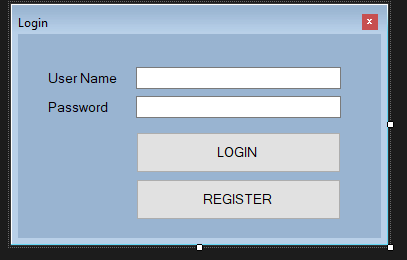
Gelen tablo adı ve Id bilgisindeki kayda ait bilgileri listeler.



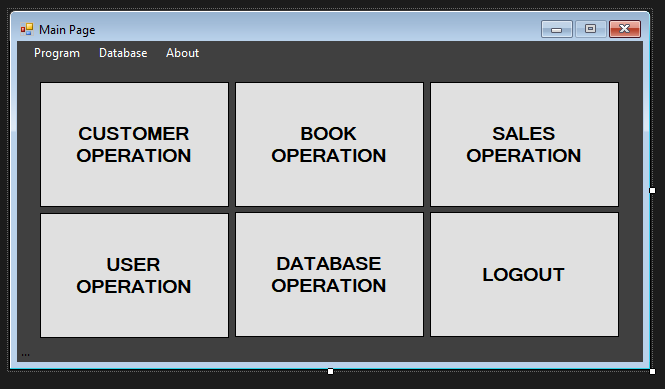
Gelen tablo adı bilgisine göre ilgili tablodaki tüm kayıtları listeler.



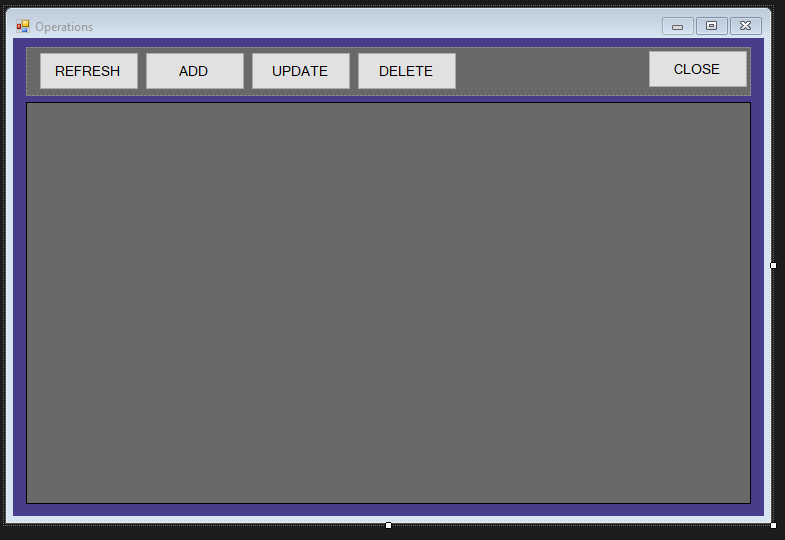
Gelen tablo adı ve Id bilgisindeki kaydı siler.



Giriş ve kayıt işlemlerinin gerçekleştirildiği formdur, program başlangıcında açılır.

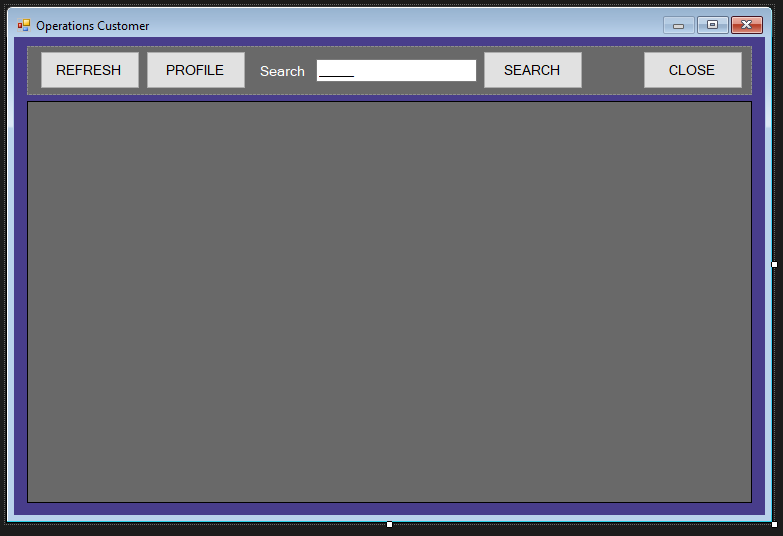


İlgili formların çağrımı için temel işlevi gören form öğesidir, tüm işlemlerin yönetildiği alandır.



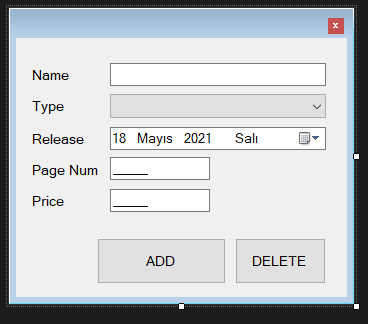
Genel olarak tablolardaki kayıtların Listeleme, Ekleme, Güncelleme, Silme işlemlerinin yapıldığı formdur.

Gelen tablo adı parametresine göre işlemleri gerçekleştirmektedir.

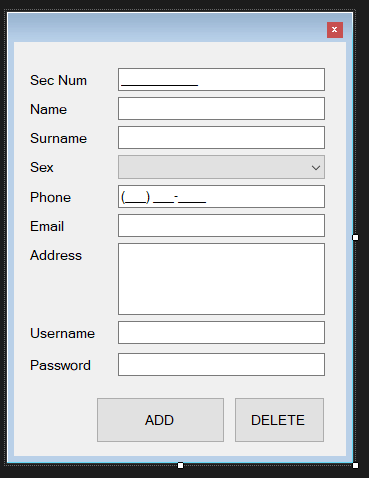


Customer (müşteri) için bir panel öğesidir.

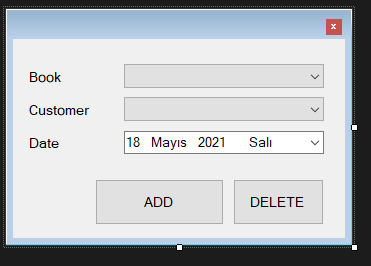
Yenileme, Arama ve Profil bilgilerinin görüntüleme gibi işlemlerin yapıldığı formdur.



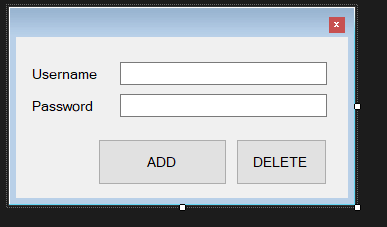
Kitap Ekleme, Güncelleme ve Silme işlemlerinin yapıldığı formdur.



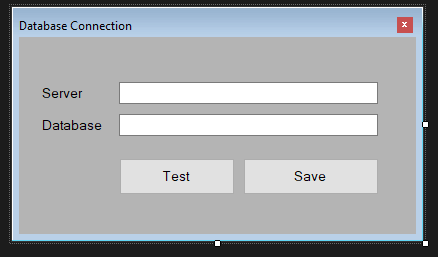
Müşteri Ekleme, Güncelleme ve Silme işlemlerinin yapıldığı formdur.



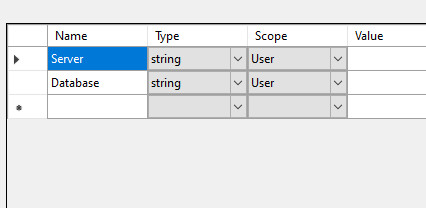
Satış Ekleme, Güncelleme ve Silme işlemlerinin yapıldığı formdur.



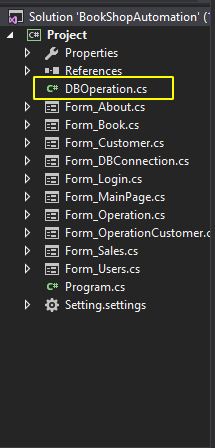
Kullanıcı Ekleme, Güncelleme ve Silme işlemlerinin yapıldığı formdur.



Veritabanına bağlantı bilgilerinin girildiği Test ve Kayıt işlemlerinin gerçekleştirildiği formdur.



Veritabanı bilgilerinin kayıt olduğu alandır.



DBOperation.cs sınıfı genel olarak tüm veritabanı işlemlerini olabildiğince Generic(Genel) bir şekilde yönetildiği alandır.

Bu sınıf içerisinde genel olarak;

Ekleme

Güncelleme

Silme

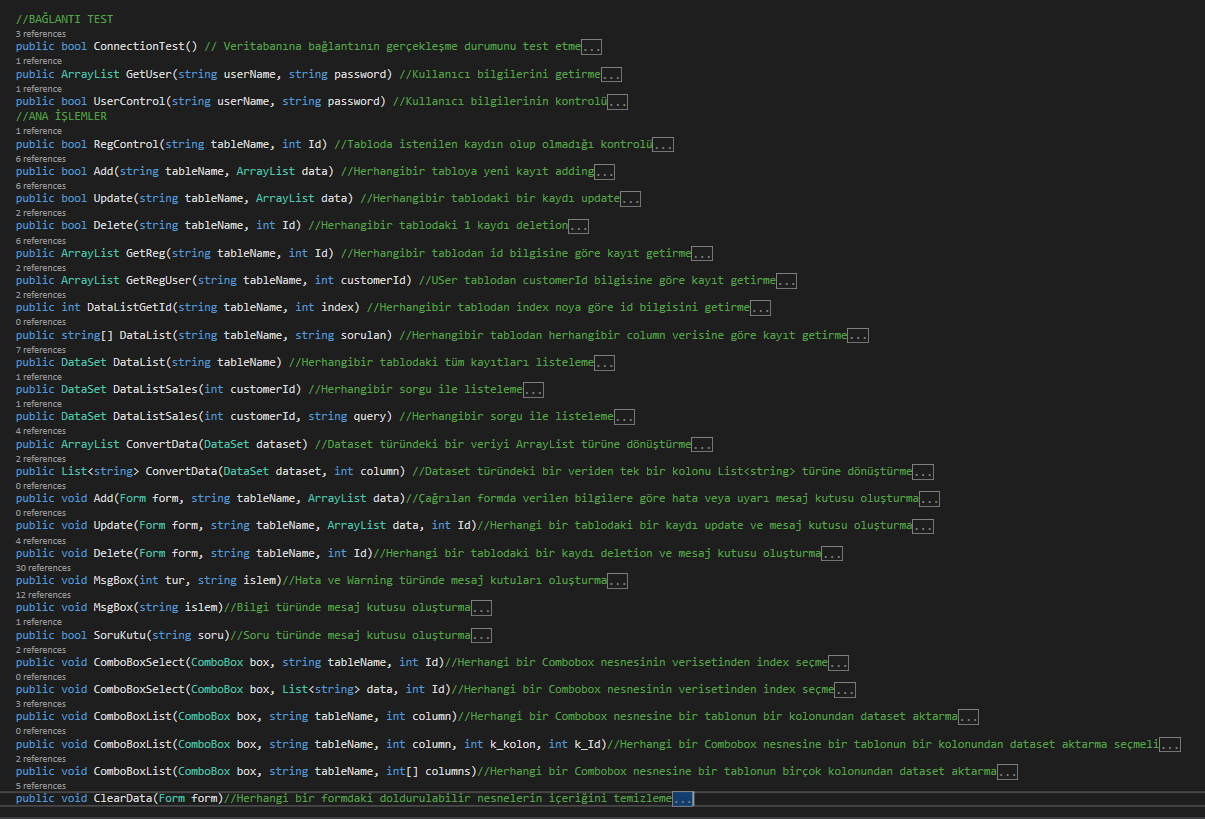
Listeleme

Kontrol Etme

Giriş

Bağlantı Testi

Gibi işelmler methodlar yardımı ile yapılmaktadır.



DBOperation.cs sınfındaki methodlar.

SQL YAPISI

USE [master]

GO

/\*\*\*\*\*\* Object: Database [bookshop] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

CREATE DATABASE [bookshop]

CONTAINMENT = NONE

ON PRIMARY

( NAME = N'bookshop', FILENAME = N'c:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\DATA\bookshop.mdf' , SIZE = 5120KB , MAXSIZE = UNLIMITED, FILEGROWTH = 1024KB )

LOG ON

( NAME = N'bookshop\_log', FILENAME = N'c:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\DATA\bookshop\_log.ldf' , SIZE = 1024KB , MAXSIZE = 2048GB , FILEGROWTH = 10%)

GO

ALTER DATABASE [bookshop] SET COMPATIBILITY\_LEVEL = 110

GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))

begin

EXEC [bookshop].[dbo].[sp\_fulltext\_database] @action = 'enable'

end

GO

ALTER DATABASE [bookshop] SET ANSI\_NULL\_DEFAULT OFF

GO

ALTER DATABASE [bookshop] SET ANSI\_NULLS OFF

GO

ALTER DATABASE [bookshop] SET ANSI\_PADDING OFF

GO

ALTER DATABASE [bookshop] SET ANSI\_WARNINGS OFF

GO

ALTER DATABASE [bookshop] SET ARITHABORT OFF

GO

ALTER DATABASE [bookshop] SET AUTO\_CLOSE OFF

GO

ALTER DATABASE [bookshop] SET AUTO\_CREATE\_STATISTICS ON

GO

ALTER DATABASE [bookshop] SET AUTO\_SHRINK OFF

GO

ALTER DATABASE [bookshop] SET AUTO\_UPDATE\_STATISTICS ON

GO

ALTER DATABASE [bookshop] SET CURSOR\_CLOSE\_ON\_COMMIT OFF

GO

ALTER DATABASE [bookshop] SET CURSOR\_DEFAULT GLOBAL

GO

ALTER DATABASE [bookshop] SET CONCAT\_NULL\_YIELDS\_NULL OFF

GO

ALTER DATABASE [bookshop] SET NUMERIC\_ROUNDABORT OFF

GO

ALTER DATABASE [bookshop] SET QUOTED\_IDENTIFIER OFF

GO

ALTER DATABASE [bookshop] SET RECURSIVE\_TRIGGERS OFF

GO

ALTER DATABASE [bookshop] SET DISABLE\_BROKER

GO

ALTER DATABASE [bookshop] SET AUTO\_UPDATE\_STATISTICS\_ASYNC OFF

GO

ALTER DATABASE [bookshop] SET DATE\_CORRELATION\_OPTIMIZATION OFF

GO

ALTER DATABASE [bookshop] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [bookshop] SET ALLOW\_SNAPSHOT\_ISOLATION OFF

GO

ALTER DATABASE [bookshop] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [bookshop] SET READ\_COMMITTED\_SNAPSHOT OFF

GO

ALTER DATABASE [bookshop] SET HONOR\_BROKER\_PRIORITY OFF

GO

ALTER DATABASE [bookshop] SET RECOVERY SIMPLE

GO

ALTER DATABASE [bookshop] SET MULTI\_USER

GO

ALTER DATABASE [bookshop] SET PAGE\_VERIFY CHECKSUM

GO

ALTER DATABASE [bookshop] SET DB\_CHAINING OFF

GO

ALTER DATABASE [bookshop] SET FILESTREAM( NON\_TRANSACTED\_ACCESS = OFF )

GO

ALTER DATABASE [bookshop] SET TARGET\_RECOVERY\_TIME = 0 SECONDS

GO

USE [bookshop]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[book\_Add] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[book\_Add]

@name varchar(50),

@type varchar(50),

@releaseDate date,

@pageNum int,

@price int

As

Begin

Insert Into book (name,type,releaseDate,pageNum,price) Values(@name,@type,@releaseDate,@pageNum,@price)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[book\_Update] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[book\_Update]

@Id int,

@name varchar(50),

@type varchar(50),

@releaseDate date,

@pageNum int,

@price int

As

Begin

Update book Set name=@name,type=@type,releaseDate=@releaseDate,pageNum=@pageNum,price=@price

Where Id=@Id

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[customer\_Add] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE Proc [dbo].[customer\_Add]

@secnum varchar(15),

@name varchar(50),

@surname varchar(50),

@sex varchar(6),

@email varchar(100),

@phone varchar(15),

@address text

As

Begin

Insert Into customer (secnum,name,surname,sex,email,phone,address) Values(@secnum,@name,@surname,@sex,@email,@phone,@address)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[customer\_Update] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE Proc [dbo].[customer\_Update]

@Id int,

@secnum varchar(15),

@name varchar(50),

@surname varchar(50),

@sex varchar(6),

@email varchar(100),

@phone varchar(15),

@address text

As

Begin

Update customer Set secnum=@secnum,name=@name,surname=@surname,sex=@sex,email=@email,phone=@phone,address=@address

Where Id=@Id

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DataList] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[DataList]

@Table varchar(50)

As

Begin

EXEC('Select \* From ' + @Table)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[DeleteReg] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[DeleteReg]

@Table varchar(50),

@Id int

As

Begin

EXEC('Delete From '+ @Table+' Where Id='+@Id)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetReg] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[GetReg]

@Table varchar(50),

@Id int

As

Begin

EXEC('Select \*From '+ @Table+' Where Id='+@Id)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[GetRegUser] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[GetRegUser]

@customerId int

As

Begin

Select \*From users Where customerId=@customerId

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sales\_Add] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[sales\_Add]

@bookId int,

@customerId int,

@date date

As

Begin

Insert Into sales (bookId,customerId,date) Values(@bookId,@customerId,@date)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[sales\_Update] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[sales\_Update]

@Id int,

@bookId int,

@customerId int,

@date date

As

Begin

Update sales Set bookId=@bookId,customerId=@customerId,date=@date

Where Id=@Id

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[UserControl] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

Create Proc [dbo].[UserControl]

@username varchar(50),

@password varchar(50)

As

Begin

Select \*From users Where username=@username and password=@password

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[users\_Add] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE Proc [dbo].[users\_Add]

@customerId int,

@username varchar(50),

@password varchar(50)

As

Begin

Insert Into users (customerId,username,password)

Values(@customerId,@username,@password)

End

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[users\_Update] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE Proc [dbo].[users\_Update]

@Id int,

@customerId int,

@username varchar(50),

@password varchar(50)

As

Begin

Update users Set customerId=@customerId,username=@username,password=@password

Where Id=@Id

End

GO

/\*\*\*\*\*\* Object: Table [dbo].[book] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[book](

[Id] [int] IDENTITY(1,1) NOT NULL,

[name] [varchar](50) NULL,

[type] [varchar](50) NULL,

[releaseDate] [date] NULL,

[pageNum] [int] NOT NULL,

[price] [int] NULL,

CONSTRAINT [PK\_book] PRIMARY KEY CLUSTERED

(

[Id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[customer] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[customer](

[Id] [int] IDENTITY(1,1) NOT NULL,

[secnum] [varchar](15) NULL,

[name] [varchar](50) NULL,

[surname] [varchar](50) NULL,

[sex] [varchar](6) NULL,

[email] [varchar](100) NULL,

[phone] [varchar](15) NULL,

[address] [text] NULL,

CONSTRAINT [PK\_customer] PRIMARY KEY CLUSTERED

(

[Id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

/\*\*\*\*\*\* Object: Table [dbo].[sales] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[sales](

[Id] [int] IDENTITY(1,1) NOT NULL,

[bookId] [int] NULL,

[customerId] [int] NULL,

[date] [date] NULL,

CONSTRAINT [PK\_sales] PRIMARY KEY CLUSTERED

(

[Id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

/\*\*\*\*\*\* Object: Table [dbo].[users] Script Date: 10.05.2021 04:21:58 \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

SET ANSI\_PADDING ON

GO

CREATE TABLE [dbo].[users](

[Id] [int] IDENTITY(1,1) NOT NULL,

[username] [varchar](50) NULL,

[password] [varchar](50) NULL,

[customerId] [int] NULL,

CONSTRAINT [PK\_users] PRIMARY KEY CLUSTERED

(

[Id] ASC

)WITH (PAD\_INDEX = OFF, STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF, ALLOW\_ROW\_LOCKS = ON, ALLOW\_PAGE\_LOCKS = ON) ON [PRIMARY]

) ON [PRIMARY]

GO

SET ANSI\_PADDING OFF

GO

SET IDENTITY\_INSERT [dbo].[book] ON

INSERT [dbo].[book] ([Id], [name], [type], [releaseDate], [pageNum], [price]) VALUES (1, N'aaaaa', N'Literary Fiction', CAST(0x7C420B00 AS Date), 630, 34)

INSERT [dbo].[book] ([Id], [name], [type], [releaseDate], [pageNum], [price]) VALUES (2, N'kitap1', N'Detective and Mystery', CAST(0x7F420B00 AS Date), 150, 25)

INSERT [dbo].[book] ([Id], [name], [type], [releaseDate], [pageNum], [price]) VALUES (3, N'kitap2', N'Romance', CAST(0x7F420B00 AS Date), 503, 35)

SET IDENTITY\_INSERT [dbo].[book] OFF

SET IDENTITY\_INSERT [dbo].[customer] ON

INSERT [dbo].[customer] ([Id], [secnum], [name], [surname], [sex], [email], [phone], [address]) VALUES (3, N'12345678911', N'Kadir Çetin', N'Dündar', N'Man', N'kadir@gmail.com', N'(545) 646-5465', N'istanbul')

INSERT [dbo].[customer] ([Id], [secnum], [name], [surname], [sex], [email], [phone], [address]) VALUES (4, N'12345678912', N'Ahmet', N'Balaban', N'Man', N'ahmet@mail.com', N'(545) 646-5465', N'adana')

SET IDENTITY\_INSERT [dbo].[customer] OFF

SET IDENTITY\_INSERT [dbo].[sales] ON

INSERT [dbo].[sales] ([Id], [bookId], [customerId], [date]) VALUES (1, 1, 3, CAST(0x7F420B00 AS Date))

INSERT [dbo].[sales] ([Id], [bookId], [customerId], [date]) VALUES (2, 2, 4, CAST(0x7F420B00 AS Date))

INSERT [dbo].[sales] ([Id], [bookId], [customerId], [date]) VALUES (3, 3, 4, CAST(0x7F420B00 AS Date))

SET IDENTITY\_INSERT [dbo].[sales] OFF

SET IDENTITY\_INSERT [dbo].[users] ON

INSERT [dbo].[users] ([Id], [username], [password], [customerId]) VALUES (1, N'kadir', N'12345678', 3)

INSERT [dbo].[users] ([Id], [username], [password], [customerId]) VALUES (2, N'admin', N'123456', 0)

INSERT [dbo].[users] ([Id], [username], [password], [customerId]) VALUES (3, N'ahmet', N'12345678', 4)

SET IDENTITY\_INSERT [dbo].[users] OFF

USE [master]

GO

ALTER DATABASE [bookshop] SET READ\_WRITE

GO