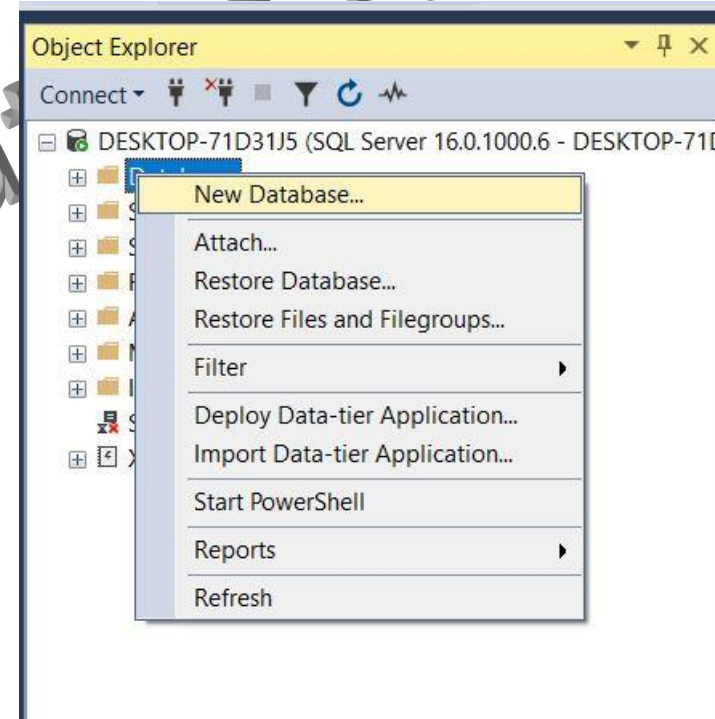
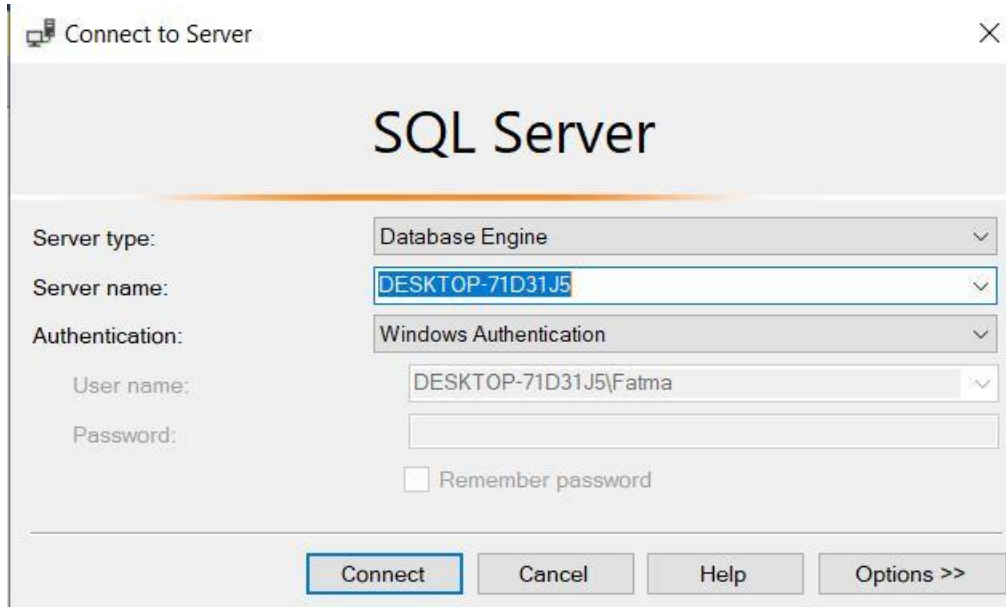


Gerçek Bir Dünya Projesine Hazırlık

Dr. Öğr. Fatma AKALIN

VERİTABANINDA TABLO YAPILARI VE İLİŞKİLER NASIL OLUŞTURULUR?



New Database

Select a page

- General
- Options
- Filegroups

Script Help

Database name:

Owner:

☒ Use full-text indexing

Database files:

Logical Name	File Type	Filegroup	Initial Size (MB)	Autogrowth / Maxsize	Path
akalin	ROWS ...	PRIMARY	8	By 64 MB, Unlimited	C:\Progra
akalin_log	LOG	Not Applicable	8	By 64 MB, Unlimited	C:\Progra

Connection

Server: DESKTOP-71D31J5

Connection: DESKTOP-71D31J5\Fatma

[View connection properties](#)

Progress

Ready

Add Remove

OK Cancel

Object Explorer

Connect

DESKTOP-71D31J5 (SQL Server 16.0.1000.6 - DESKTOP-71D31J5)

- Databases
 - System Databases
 - Database Snapshots
 - akalin
 - Database Diagrams
 - New
 - Table...
 - Memory Optimized Table...
 - Temporal Table
 - Ledger Table
 - Graph Table
 - External Table...
 - File Table...
 - Filter
 - Start PowerShell
 - Reports
 - Refresh
 - External Resources
 - Synonyms
 - Programmability
 - Query Store
 - Service Broker
 - Storage
 - Security
- Database_ekle_guncelle_sil
- database_oniki
- Security

DESKTOP-71D31J5.akalin - dbo.Table_1* [X]

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
		<input type="checkbox"/>

Column Properties

DTS-published: No

> Full-text Specification: No

Has Non-SQL Server Subscriber: No

Identity Specification: Yes

(Is Identity): Yes

Identity Increment: 1

Identity Seed: 1

(Is Identity)

DESKTOP-71D31J5.akalin - dbo.Table_1* [X]

Column Name	Data Type
id	int

- Set Primary Key
- Insert Column
- Delete Column
- Relationships...
- Indexes/Keys...
- Fulltext Index...
- XML Indexes...
- Check Constraints...
- Spatial Indexes...
- Generate Change Script...
- Properties Alt+Enter

DESKTOP-71D31J5.akalin - dbo.Table_1* [X]

	Column Name	Data Type	Allow Nulls
id		int	<input type="checkbox"/>
category		varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

DESKTOP-71D31J5.akalin - dbo.Table_1*

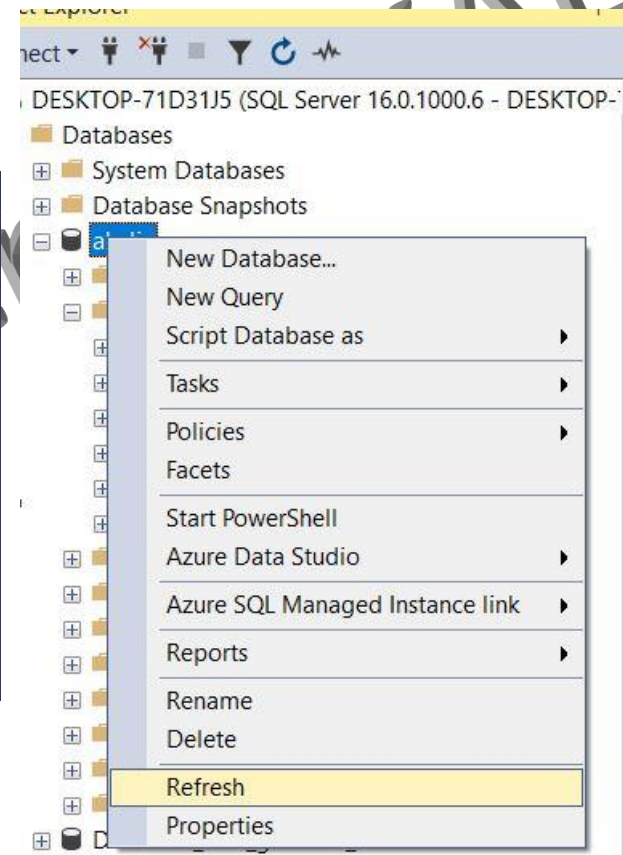
	Column Name	Data Type	Allow Nulls
🔑	id	int	<input type="checkbox"/>
▶	category	varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

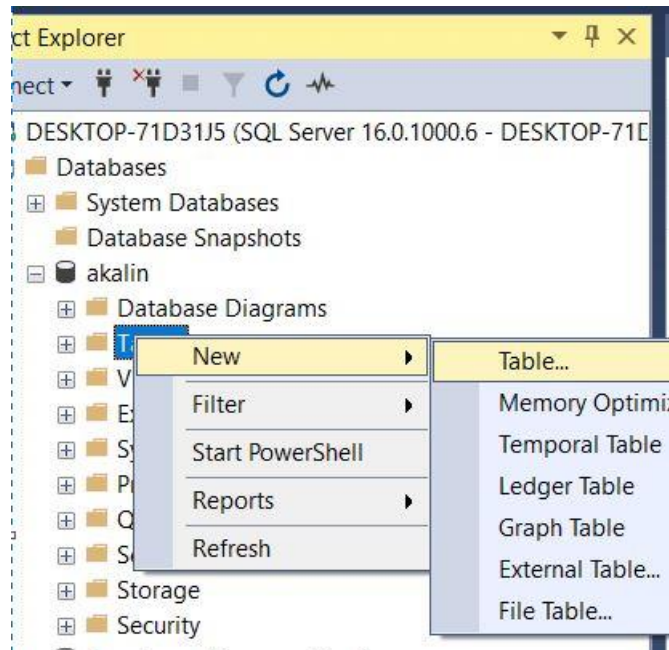
Choose Name

Enter a name for the table:

category

OK Cancel





Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
		<input type="checkbox"/>



DESKTOP-71D31J5.akalin - dbo.Table_1* X DESKTOP-71D31J5.a...lin - dbo.category

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
		<input type="checkbox"/>

- Set Primary Key
- Insert Column
- Delete Column
- Relationships...
- Indexes/Keys...
- Fulltext Index...
- XML Indexes...
- Check Constraints...
- Spatial Indexes...
- Generate Change Script...
- Properties Alt+Enter

DESKTOP-71D31J5.akalin - dbo.Table_1* X DESKTOP-71D31J5.a...lin - dbo.category

	Column Name	Data Type	Allow Nulls
id		int	<input type="checkbox"/>
brand		varchar(50)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>


Choose Name

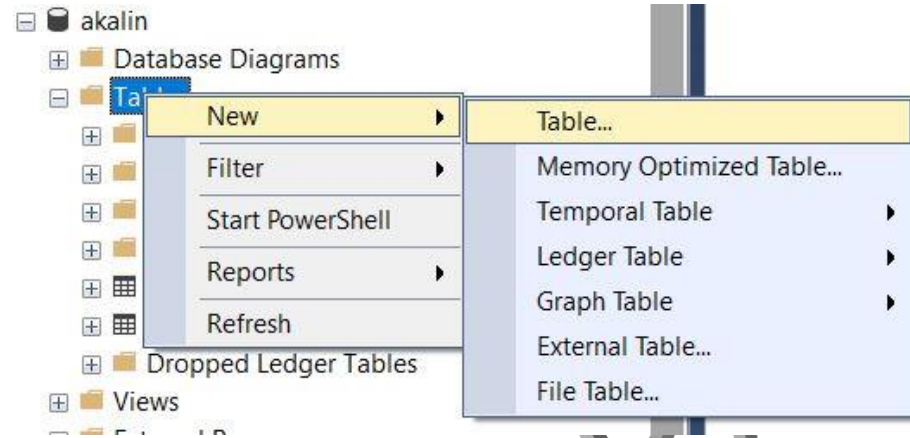
Enter a name for the table:

brand

OK

Cancel

	Column Name	Data Type	Allow Nulls
	id	int	<input type="checkbox"/>
			<input type="checkbox"/>



Column Properties	
	
> Full-text Specification	No
Has Non-SQL Server Subscriber	No
▼ Identity Specification	No
(Is Identity)	No
Identity Increment	
Identity Seed	
Indexable	Yes

Dr. Öğr.

DESKTOP-71D31J5.a...alin - dbo.product* X DESKTOP-71D31J5.akalin - dbo.Table_1

Column Name	Data Type	Allow Nulls
id	int	<input type="checkbox"/>
prodname	varchar(50)	<input checked="" type="checkbox"/>
cat_id	int	<input checked="" type="checkbox"/>
brand_id	int	<input checked="" type="checkbox"/>
qty	decimal(18, 2)	<input checked="" type="checkbox"/>
price	decimal(18, 2)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

Choose Name ? X

Enter a name for the table:

product

OK Cancel

Column Properties

(General)






(Name)	qty
Allow Nulls	Yes
Data Type	decimal
Default Value or Binding	
Precision	18
Scale	2

(General)

- akalin
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.brand
 - dbo.category
 - dbo.productt



Object Explorer

connect     



DESKTOP-71D31J5 (SQL Server 16.0.1000.6 - DESKTOP-71D31J5)

Databases

- System Databases
- Database Snapshots
- akalin
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.brand
 - dbo.category
 - dbo.product
 - Columns
 - Keys
 - New Foreign Key...
 - Reports
 - Refresh
 - Constraints
 - Triggers
 - Indexes
 - Statistics
 - Dropped Ledger Tables
 - Views
 - External Resources

DESKTOP-71D31J5.akalin - dbo.product*

DESKTOP-71D31J5.akalin - dbo.Table_1

	Column Name	Data Type	Allow Nulls
	id	int	<input type="checkbox"/>
	prodname	varchar(50)	<input checked="" type="checkbox"/>
	cat_id	int	<input checked="" type="checkbox"/>
	brand_id	int	<input checked="" type="checkbox"/>
	qty	decimal(18, 2)	<input checked="" type="checkbox"/>
	price	decimal(18, 2)	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

Column Properties

- (General)

(Name) qty

Foreign Key Relationships

Selected Relationship:

FK_product_product*

Editing properties for new relationship. The 'Tables And Columns Specification' property needs to be filled in before the new relationship will be accepted.

▼ **(General)**

Check Existing Data On Create Yes

> **Tables And Columns Specification** ...

▼ **Identity**

(Name)	FK_product_product
Description	

▼ **Table Designer**

Enforce For Replication	Yes
Enforce Foreign Key Constraints	Yes
> INSERT And UPDATE Specifications	

Add Delete Close

Tables and Columns

Relationship name:

FK_productt_category

Primary key table: Foreign key table:

category productt

id	cat_id

OK Cancel

Tables and Columns

Relationship name:
FK_productt_category

Primary key table: category Foreign key table: productt

id	cat_id

OK Cancel

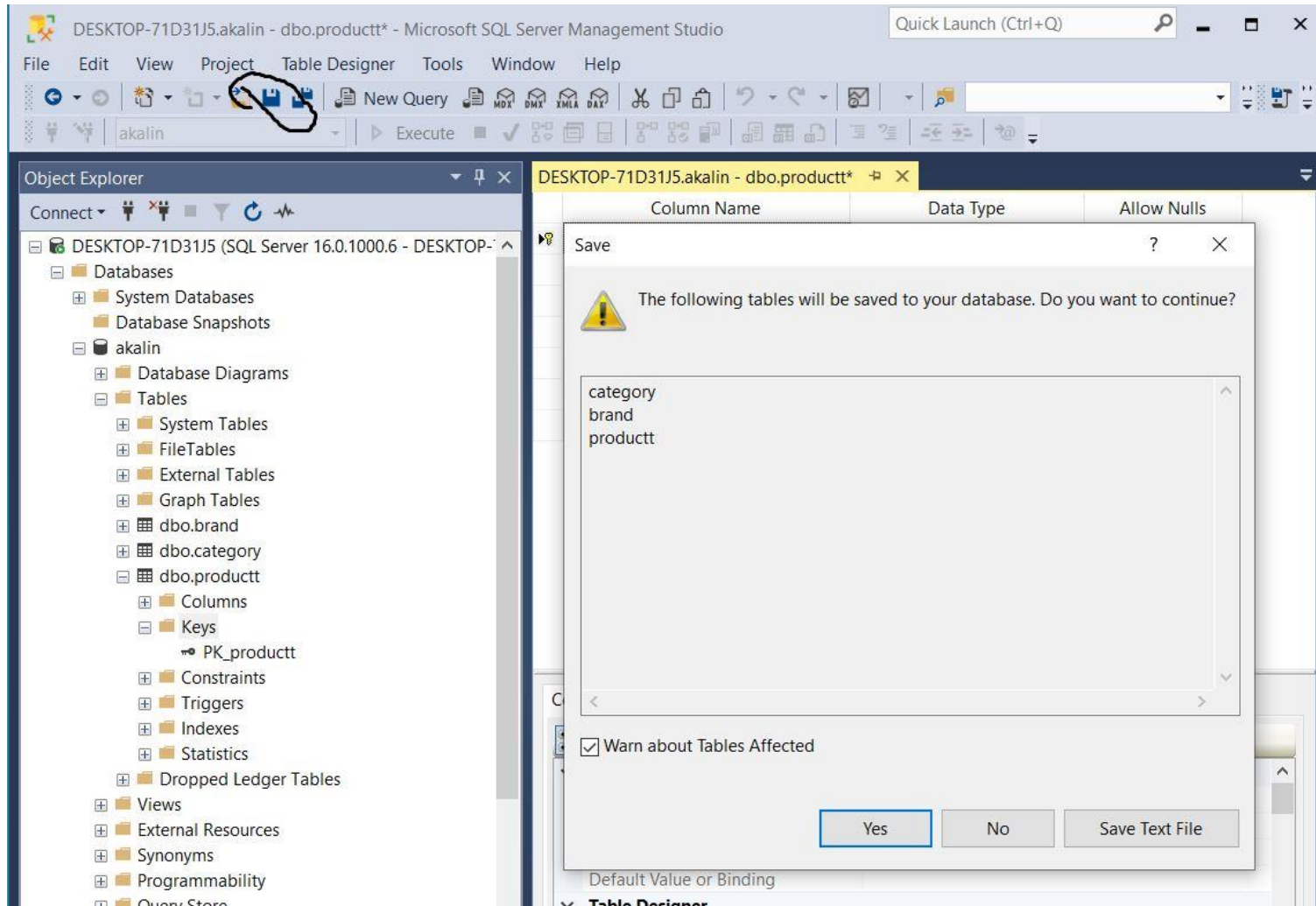
Tables and Columns

Relationship name:
FK_productt_brand1

Primary key table: brand Foreign key table: productt

id	brand_id

OK Cancel



Yeni projenizi yapılandırın

ASP.NET Web Uygulaması (.NET Framework)

Proje adı

gercekdunyaprojesi1

Konum

D:\aspnet\1_ADERSLER

Çözüm adı ⓘ

gercekdunyaprojesi1

☐ Çözümü ve projeyi aynı dizine yerleştir

Altyapı

.NET Framework 4.6.2

Proje "D:\aspnet\1_ADERSLER\gercekdunya

Yeni ASP.NET Web Uygulaması oluşturun



Boş

ASP.NET uygulamaları oluşturmak için boş bir proje şablonu. Bu şablonda içerik yoktur.



Web Forms

ASP.NET Web Forms uygulamaları oluşturmak için bir proje şablonu. ASP.NET Web Forms, bilinen sürükle ve bırak yöntemiyle olay denetimli modeli kullanarak dinamik web siteleri oluşturmanızı sağlar. Tasarım yüzeyi ile yüzlerce denetim ve bileşen, veri erişimi olan gelişmiş, güçlü, kullanıcı arabirimi denetimli web sitelerini hızlı bir şekilde oluşturmanızı sağlar.



MVC

ASP.NET MVC uygulamaları oluşturmaya yarayan bir proje şablonu. ASP.NET MVC, Model-View-Controller mimarisini kullanarak uygulamalar oluşturmaya olanak sağlar. ASP.NET MVC en son standartları kullanan uygulamalar oluşturmak için hızlı, test güdümlü geliştirmeye olanak sağlayan birçok özellik içerir.



Web API

Tarayıcılar ve mobil cihazlar dahil olmak üzere çok çeşitli istemcilere erişebilen RESTful HTTP hizmetleri oluşturmaya yarayan bir proje şablonudur.



Tek Sayfalı Uygulama

ASP.NET Web API kullanarak JavaScript temelli zengin istemci tarafı HTML5 uygulamaları oluşturmak üzere kullanılan proje şablonudur. Tek Sayfalı Uygulamalar, HTML5, CSS3 ve JavaScript'in kullanıldığı istemci tarafı etkileşimler içeren zengin bir kullanıcı deneyimi sağlar.

Kimlik Doğrulama

Yok

Klasörleri ve çekirdek başvurularını ekle

- ☐ Web Forms
☒ MVC
☐ Web API'si

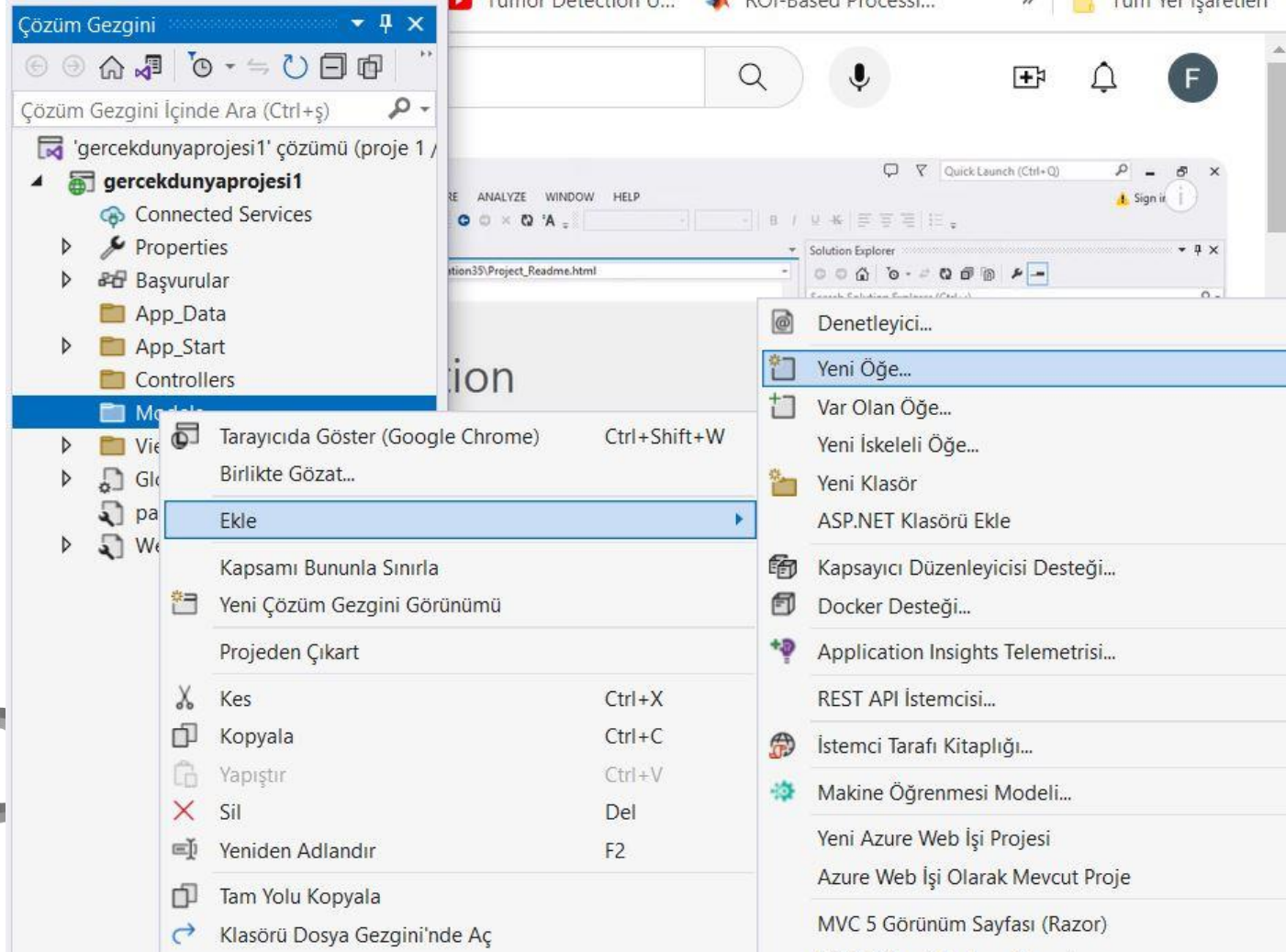
Gelişmiş

- ☒ HTTPS'yi Yapılandır
☐ Docker desteği
([Docker Desktop](#) gerektiriyor)
☐ Ayrıca birim testleri için bir proje oluşturun

gercekdunyaprojesi1.Tests

Geri

Oluştur



Yeni Öğe Ekle - gercekdunyaprojesi1

Yüklü

Sıralama ölçütü: Varsayılan

Ara (Ctrl+E)

C#

Genel

Kod

Veri

Web

Genel

İşaretleme

Komut Dosyaları

Web Forms

MVC

Razor

SignalR

Web API

SQL Server

Storm Items

Çevrimiçi



ADO.NET Entity Data Model

C#



EF 5.x DbContext Generator

C#



EF 6.x DbContext Generator

C#



SQL Server Veritabanı

C#



Veri Kümesi

C#



XML Dosyası

C#



XML Şeması

C#



XSLT Dosyası

C#

Tür: C#

A project item for creating an ADO.NET Entity Data Model.

Entity Data Model Wizard



Choose Model Contents

What should the model contain?



EF Designer
from
database



Empty EF
Designer
model



Empty Code
First model



Code First
from
database

Creates a model in the EF Designer based on an existing database. You can choose the database connection, settings for the model, and database objects to include in the model. The classes your application will interact with are generated from the model.

< Geri

İleri >

Son

İptal

Bağlantı Özellikleri

Seçili veri kaynağına bağlanmak için bilgi girin ya da "Değiştir" seçeneğini tıklayarak farklı bir veri kaynağı ve/veya sağlayıcısı seçin.

Veri kaynağı:

Microsoft SQL Server (SqlClient)

Değiştir...

Sunucu adı:

DESKTOP-71D31J5

Yenile

Sunucuda oturum aç

Kimlik Doğrulama:

Windows Kimlik Doğrulaması

Kullanıcı adı:

Parola:

☐ Parolamı kaydet

Veritabanına bağlan

☒ Veritabanı adını seçin veya girin:

akalin

☐ Veritabanı dosyası iliştiir:

Gözet...

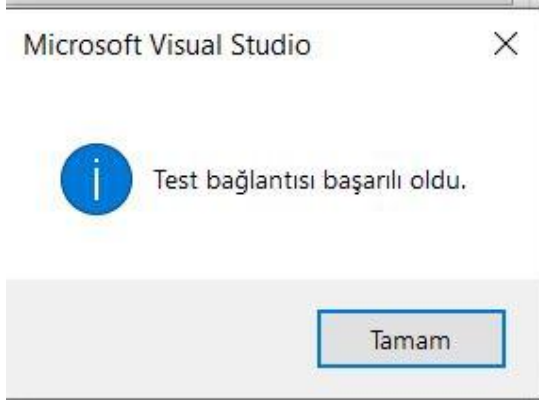
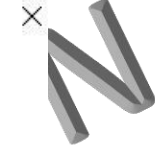
Mantıksal adı:

Gelişmiş...

Bağlantıyı Sına

Tamam

İptal



Which data connection should your application use to connect to the database?

desktop-71d31j5.akalin.dbo

New Connection...

This connection string appears to contain sensitive data (for example, a password) that is required to connect to the database. Storing sensitive data in the connection string can be a security risk. Do you want to include this sensitive data in the connection string?

- ☐ No, exclude sensitive data from the connection string. I will set it in my application code.
- ☐ Yes, include the sensitive data in the connection string.

Connection string:

```
metadata=res://*/Models.Model1.csdl|res://*/Models.Model1.ssdl|  
res://*/Models.Model1.msl;provider=System.Data.SqlClient;provider connection string="data  
source=DESKTOP-71D31J5;initial catalog=akalin;integrated  
security=True;MultipleActiveResultSets=True;App=EntityFramework"
```

☒ Save connection settings in Web.Config as:

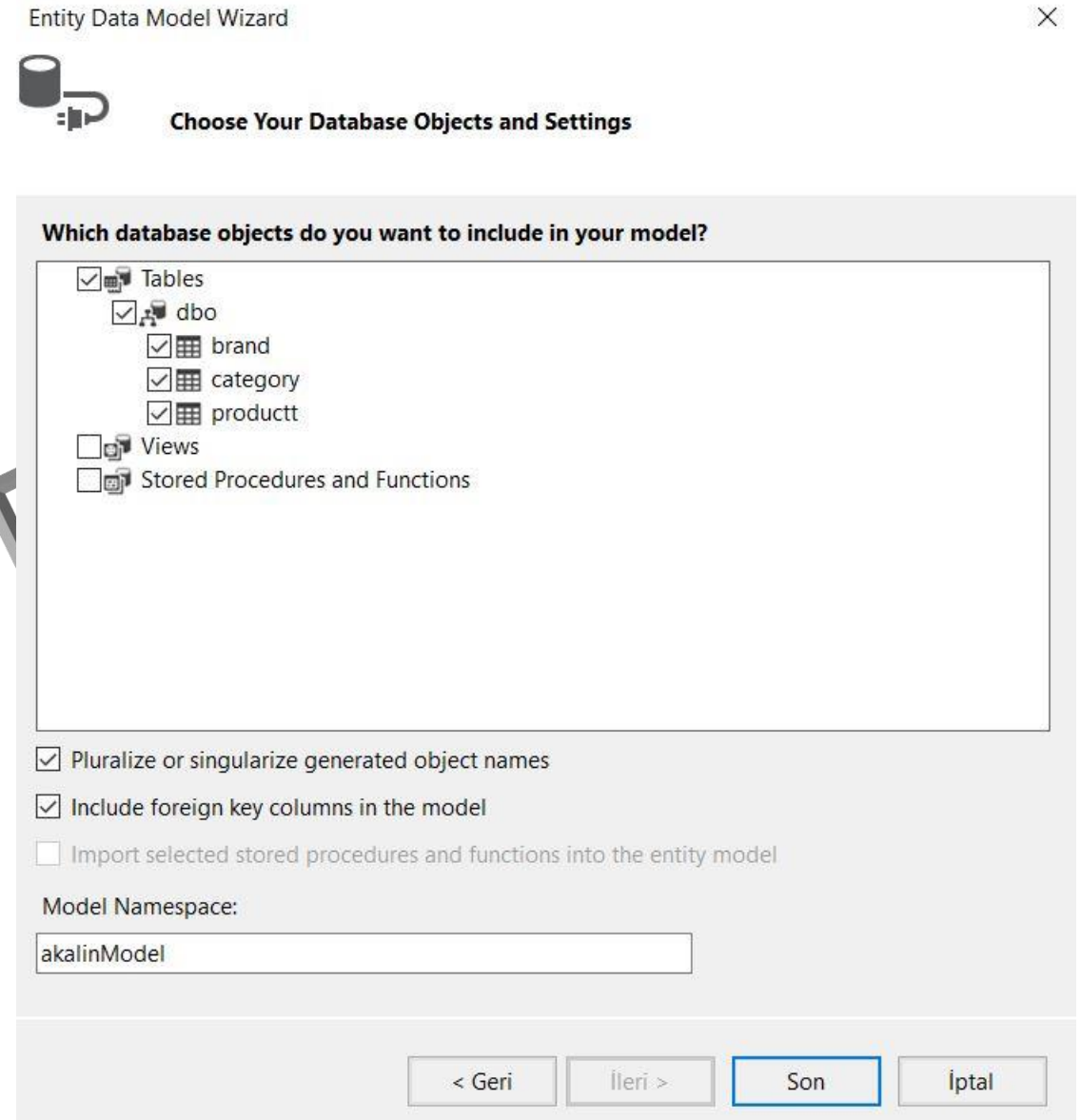
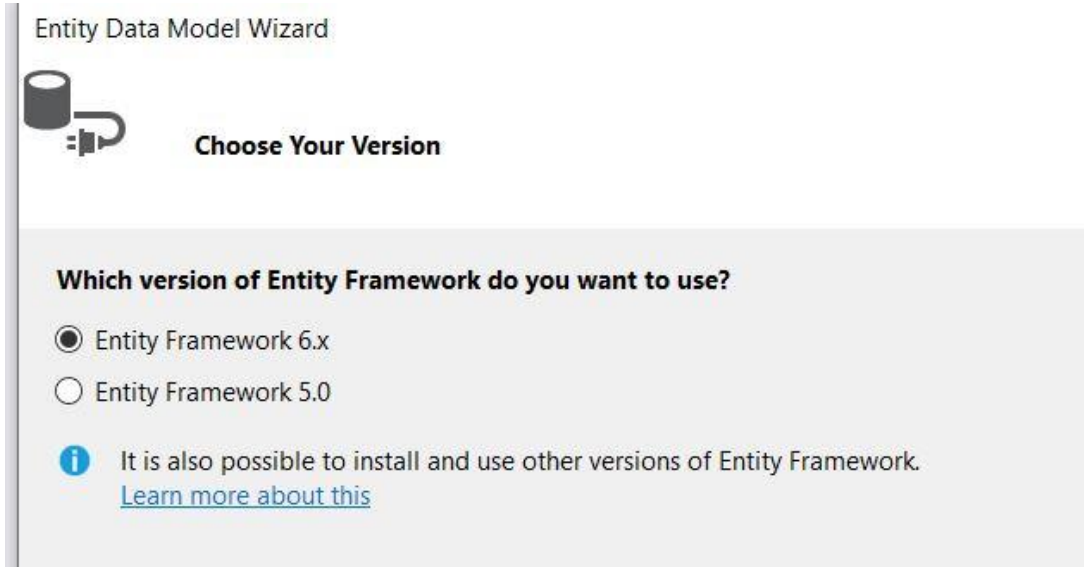
akalinEntities

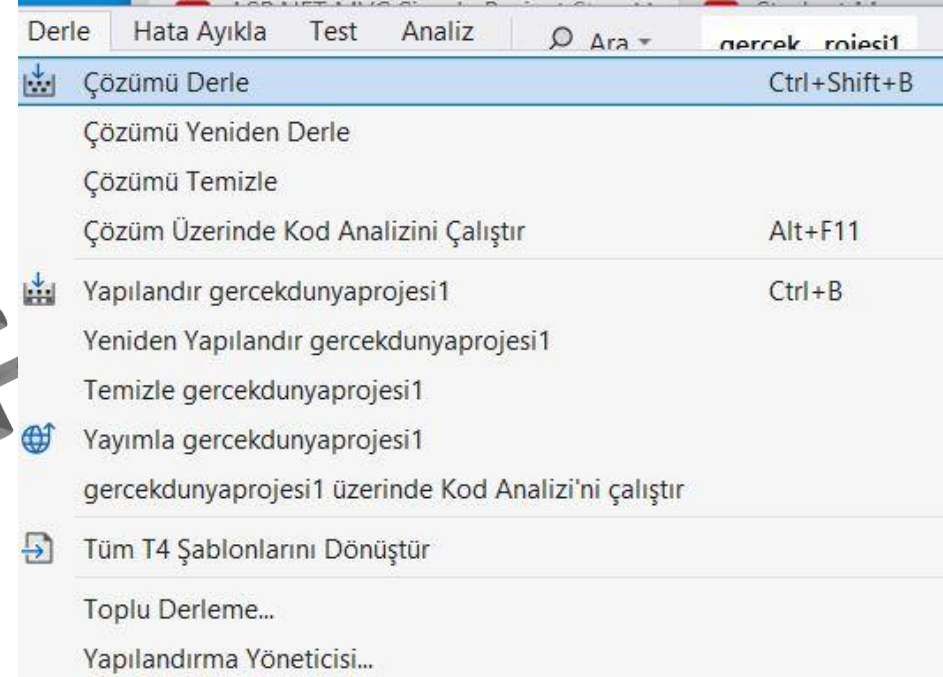
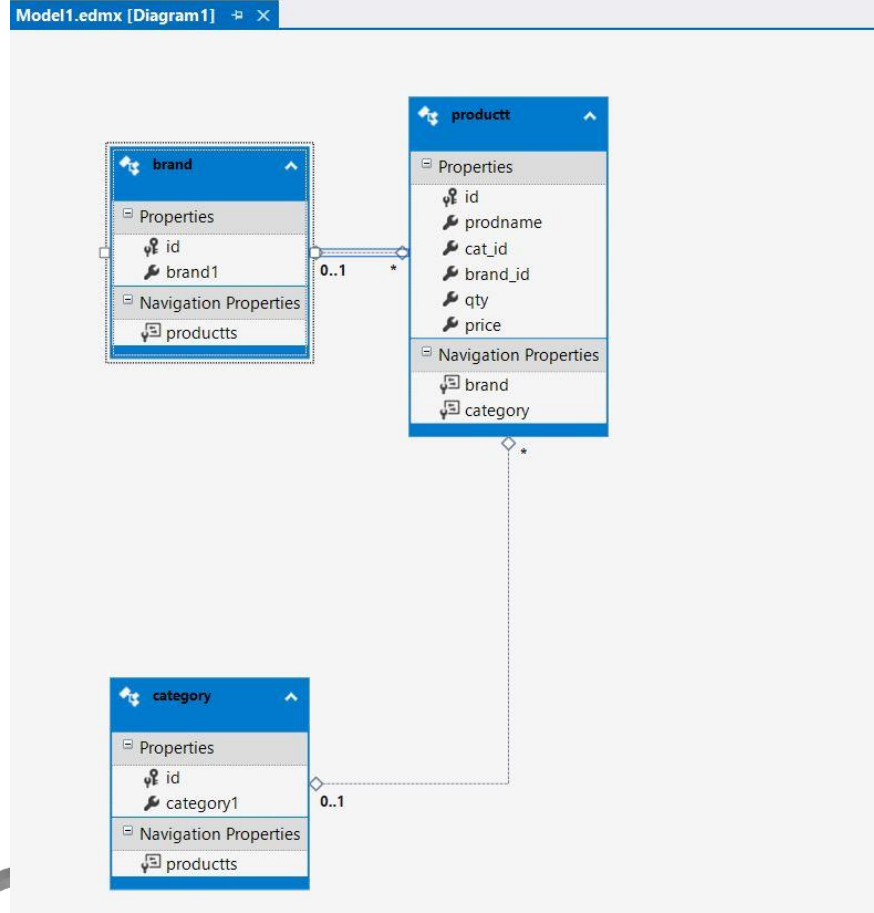
< Geri

İleri >

Son

İptal





KAYNAKLAR

<https://learn.microsoft.com/tr-tr/aspnet/mvc/>

Veysel Uğur Kızmaz, ASP.NET MVC5, Kodlab Yayınları

<https://github.com/muratbaseren/udemy-yazilimcilarin-yukselisi-aspnet-my-evernote-sample>

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