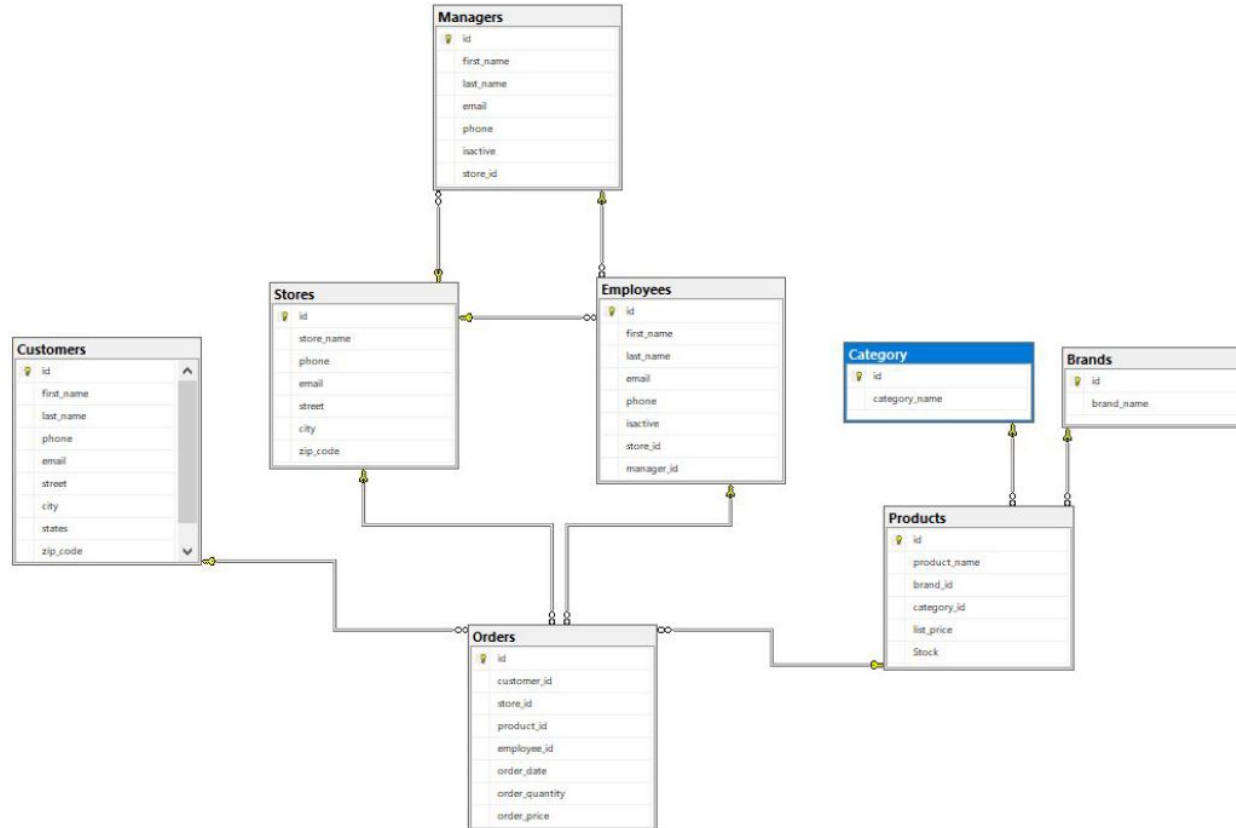


# Store DB Projesi

...

Umur İslamoğlu

# Diyagram



# Product Tabloları

**Brands**

Brands		
id	INT	PRIMARY KEY
brand_name	VARCHAR(250)	

**Category**

Category		
id	INT	PRIMARY KEY
category_name	VARCHAR(250) )	

**Products**

Products		
id	INT	PRIMARY KEY
product_name	VARCHAR(250) )	
brand_id	INT	
category_id	INT	
list_price	DECIMAL	
stock	INT	

# Store ve Çalışan Tabloları

**Stores**

Stores		
id	INT	PRIMARY KEY
store_name	VARCHAR(250)	
phone	VARCHAR(25)	
email	VARCHAR(250)	
street	VARCHAR(250)	
city	VARCHAR(50)	
zip_code	VARCHAR(5)	

**Managers**

Managers		
id	INT	PRIMARY KEY
first_name	VARCHAR(50)	
last_name	VARCHAR(50)	
email	VARCHAR(250)	
phone	VARCHAR(25)	
isactive	TINYINT	
store_id	INT	

**Employees**

Employees		
id	INT	PRIMARY KEY
first_name	VARCHAR(50)	
last_name	VARCHAR(50)	
email	VARCHAR(250)	
phone	VARCHAR(25)	
isactive	TINYINT	
store_id	INT	
manager_id	INT	

# Order ve Customer Tabloları

**Customers**

Customers		
id	INT	PRIMARY KEY
first_name	VARCHAR(50)	
last_name	VARCHAR(50)	
phone	VARCHAR(25)	
email	VARCHAR(250) )	
street	VARCHAR(250) )	
city	VARCHAR(50)	
states	VARCHAR(5)	
zip_code	VARCHAR(5)	

**Orders**

Orders		
id	INT	PRIMARY KEY
customer_id	INT	
store_id	INT	
product_id	INT	
employee_id	INT	
order_date	DATE	
order_quantity	INT	
order_price	INT	

# Foreign Keyler

## Foreign Keys

- FK\_BrandProduct: Ürünler ve Markalar tablolarını birbirine bağlar.
- FK\_CategoryProduct: kategori ve Ürünler tablolarını birbirine bağlar.
- FK\_ManagerStore: Yönetici ve Mağaza tablolarını birbirine bağlar.
- FK\_EmployeeStore: Çalışan ve Mağaza tablolarını birbirine bağlar.
- FK\_EmployeeManager: Çalışan ve Yönetici tablolarını birbirine bağlar.
- FK\_OrdersCustomers: Sipariş ve Müşteri tablolarını birbirine bağlar.
- FK\_OrdersStore: Sipariş ve Mağaza tablolarını birbirine bağlar.
- FK\_OrdersProduct: Sipariş ve Ürünler tablolarını birbirine bağlar.
- FK\_OrdersEmployee: Sipariş ve Müşteri tablolarını birbirine bağlar.

# Viewer

1-showEmployeeData

	id	employeeName	managerName	store_name	city	isactive	phone
▶	1	FabiolaJackson	IvetteEstes	Santa Cruz Bikes	Santa Cruz	1	(831) 555-5554
	2	MireyaCopeland	LezlieLamb	Santa Cruz Bikes	Santa Cruz	1	(831) 555-5555
	3	GennaSerrano	IvetteEstes	Santa Cruz Bikes	Santa Cruz	1	(831) 555-5556
	4	VirgieWiggins	IvetteEstes	Santa Cruz Bikes	Santa Cruz	1	(831) 555-5557
	5	JannetteDavid	LezlieLamb	Baldwin Bikes	Baldwin	1	(516) 379-4444
	6	MarceleneBoyer	EsterAcevedo	Baldwin Bikes	Baldwin	1	(516) 379-4445
	7	VenitaDaniel	EsterAcevedo	Baldwin Bikes	Baldwin	1	(516) 379-4446
	8	KaliVargas	LezlieLamb	Rowlett Bikes	Rowlett	1	(972) 530-5555
	9	LaylaTerrell	LezlieLamb	Rowlett Bikes	Rowlett	1	(972) 530-5556
	10	BernardineHou...	EsterAcevedo	Rowlett Bikes	Rowlett	1	(972) 530-5557

# Viewer

## 2-showProductData

	id	product_name	brand_name	category_name	list_price	stock
▶	1	Trek 820 - 2016	Trek	Mountain Bikes	379,99	80
	2	Ritchey Timber...	Ritchey	Mountain Bikes	749,99	64
	3	Surly Wednesd...	Surly	Mountain Bikes	999,99	93
	4	Trek Fuel EX 8 2...	Trek	Mountain Bikes	2899,99	51
	5	Heller Shagama...	Heller	Mountain Bikes	1320,99	56
	6	Surly Ice Cream...	Surly	Mountain Bikes	469,99	13
	7	Trek Slash 8 27....	Trek	Mountain Bikes	3999,99	43
	8	Trek Remedy 29...	Trek	Mountain Bikes	1799,99	44
	9	Trek Conduit+ -...	Trek	Electric Bikes	2999,99	58



# Viewler

## 3-showOrderData

	id	order_date	customerName	store_name	employeeName	product_name	order_quantity	brand_name
▶	1	2016-01-26	DebraBurks	Santa Cruz Bikes	FabiolaJackson	Trek 820 - 2016	1	Trek
	2	2016-01-21	CharoletteRice	Baldwin Bikes	MireyaCopeland	Heller Shagama...	1	Heller
	3	2016-01-22	PameliaNewman	Rowlett Bikes	GennaSerrano	Surly Straggler ...	1	Surly
	4	2016-01-25	LinnieBranch	Santa Cruz Bikes	VirgieWiggins	Electra Moto 1 ...	1	Electra
	5	2016-01-27	AletaShepard	Baldwin Bikes	JannetteDavid	Electra Townie ...	1	Electra

# Procedureler

1-showPriceFromName : ürün adını argüman olarak alır. Ürün adı ve ürün fiyatını gösterir.

	product_name	list_price
1	Trek Checkpoint ALR 5 - 2019	1999.99

2-showStockFromName : ürün adını argüman olarak alır. Ürün adı ve ürün stok miktarını gösterir.

	product_name	Stock
1	Trek Checkpoint ALR 5 - 2019	2

# Procedureler

## 3-sellProduct

```
CREATE PROCEDURE sellProduct (@product_name NVARCHAR(250), @quantity INT)
AS

DECLARE @stok int,@product_id int ,@order_date date,@list_price int;

SET @stok = (
    SELECT stock FROM products where product_name = @Product_name);

SET @product_id = (
    select id from products where product_name = @product_name);

SET @order_date = (select getdate());

SET @list_price = (
    select list_price from Products where product_name= @product_name);

BEGIN

IF @stok - @quantity >= 0
BEGIN
UPDATE Products SET Stock = Stock - @Quantity WHERE Product_name = @Product_name
INSERT INTO Orders(customer_id, store_id, product_id , employee_id,order_date,order_quantity,Order_price)
VALUES(1,1,@product_id,1,@order_date,@quantity,@quantity*@list_price);
END

ELSE
BEGIN
PRINT '***Insufficient Stock***'
END
```

# Backup Plan

Backup Planı için ilk önce Full back-up alınmış sonrasında Differential back-up'a bir job tanımlayıp günlük back-up alınmasını sağlanmıştır.

Back Up Database - Store

Select a page

- General
- Media Options
- Backup Options

Script Help

Source

Database: Store

Recovery model: FULL

Backup type: Full

☐ Copy-only backup

Backup component:

☒ Database

☐ Files and filegroups:

Destination

Back up to: Disk

D:\SQL server\MSSQL15.MSSQLSERVER\MSSQL\Backup\Store.bak

Add...

Remove

Contents

Connection

Server: DESKTOP-PDJ9A7P

Connection: DESKTOP-PDJ9A7P\Umur islam

[View connection properties](#)

# Backup Plan

Job Step Properties - Daily\_Back-up

Select a page

- General
- Advanced

Script Help

Step name:  
Daily\_Back-up

Type:  
Transact-SQL script (T-SQL)

Run as:

Database:  
Store

Command:  
BACKUP DATABASE [Store] TO DISK = N'D:\SQL server\MSSQL15.MS ^  
WITH DIFFERENTIAL , NOFORMAT, NOINIT, NAME = N'Store-Full Da  
GO

Open...

Select All

Copy

Paste

Parse


Connection

Server:  
DESKTOP-PDJ9A7P

Connection:  
DESKTOP-PDJ9A7P\Umur Islamo

[View connection properties](#)

# Backup Plan

 New Job Schedule

Name:  Jobs in Schedule

Schedule type:  ☒ Enabled

One-time occurrence

Date:  Time:

Frequency

Occurs:

Recurs every:  day(s)

Daily frequency

☒ Occurs once at:

☐ Occurs every:  hour(s) Starting at:  Ending at:

Duration

Start date:

☐ End date:

☒ No end date:

Summary

Description: