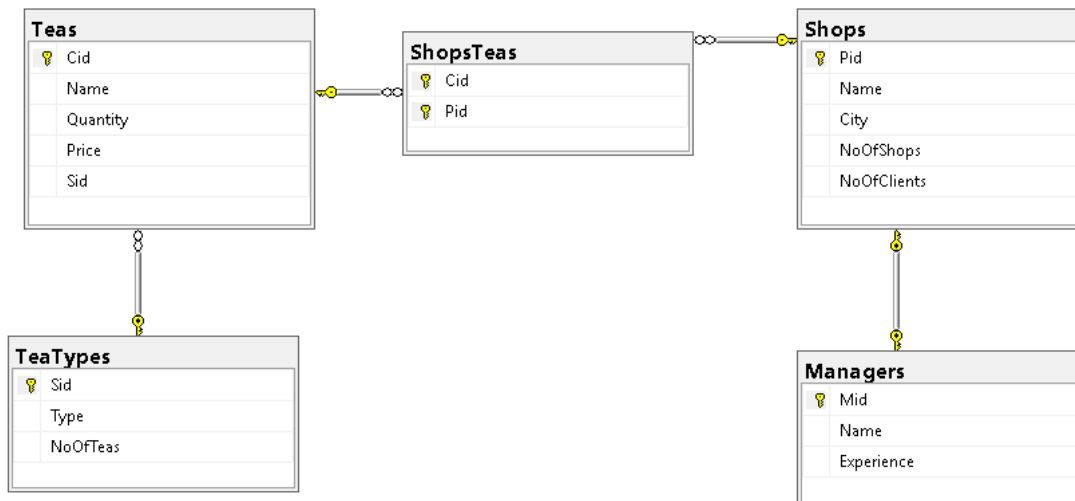


Create tables

We want to implement a system that keeps information about teas and shops. Each shop is characterized by name, city, number of shops, number of clients and one manager. Each tea is characterized by name, quantity, price and type. The type has a type name and a number of teas that can be included there. In a type there are 1 or more teas. A tea can be found in 1 or more shops and in a shop one can find 1 or more teas. A manager has a name and an experience. A shop has only one manager and a manager works for only one shop.



Create database TeaShops

```
go
use TeaShops
go
```

```
CREATE TABLE Shops
(Pid INT PRIMARY KEY IDENTITY,
Name varchar(50),
City varchar(50) NOT NULL,
NoOfShops int,
NoOfClients int)
```

```
CREATE TABLE TeaTypes
(Sid INT PRIMARY KEY IDENTITY,
Type varchar(50) DEFAULT 'Mint',
NoOfTeas int)
```

```
CREATE TABLE Teas
(Cid INT PRIMARY KEY IDENTITY,
Name varchar(50),
Quantity int CHECK (Quantity=1 OR Quantity=2),
Price int,
Sid int FOREIGN KEY REFERENCES TeaTypes(Sid))
```

```
CREATE TABLE ShopsTeas
(Cid INT FOREIGN KEY REFERENCES Teas(Cid),
Pid INT FOREIGN KEY REFERENCES Shops(Pid),
```

```

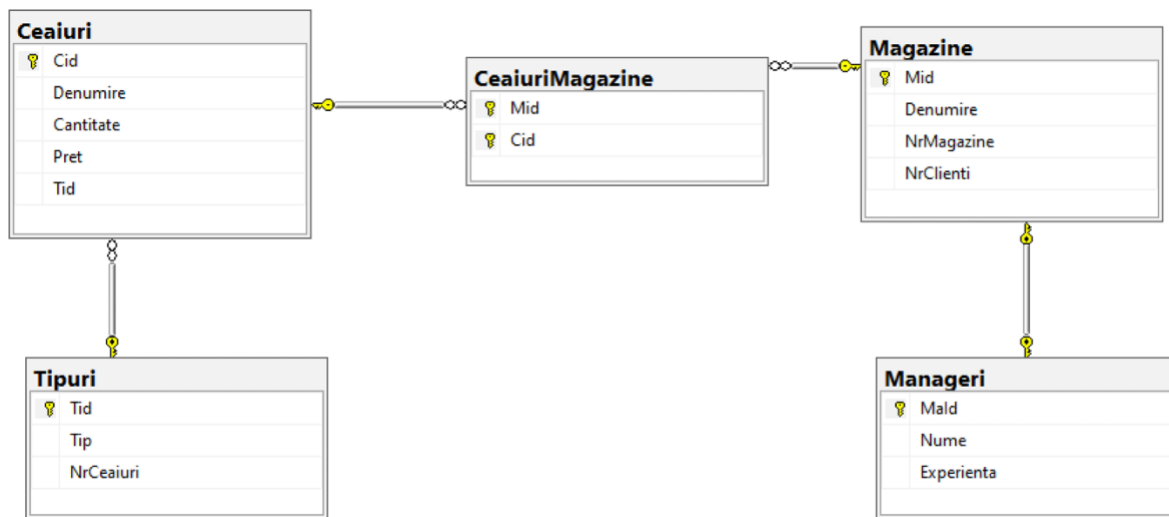
CONSTRAINT pk_Teas PRIMARY KEY (Cid, Pid)
)

CREATE TABLE Managers
(Mid INT FOREIGN KEY REFERENCES Shops(Pid),
Name varchar(50) NOT NULL,
Experience INT,
CONSTRAINT pk_ShopsManagers PRIMARY KEY(Mid)
)

-- DROP DATABASE TeaShops

```

Creare tabele



1-n : Tipuri – Ceaiuri
 m-n: Ceaiuri – Magazine
 1-1: Magazine – Manageri

```

Create database Placereaceaiului
go
use PlacereaCeaiului
go

```

```

CREATE TABLE Magazine
(Mid INT PRIMARY KEY,
Denumire varchar(50),
NrMagazine int,
NrClienti int)

```

```

CREATE TABLE Tipuri
(Tid INT PRIMARY KEY IDENTITY,
Tip varchar(50) DEFAULT 'Negru',
NrCeaiuri int)

```

```

CREATE TABLE Ceaiuri
(Cid INT PRIMARY KEY IDENTITY,

```

```
Denumire varchar(50),
Cantitate int CHECK (Cantitate=1 OR Cantitate=2),
Pret int,
Tid int FOREIGN KEY REFERENCES Tipuri(Tid))

CREATE TABLE CeaiuriMagazine
(Cid INT FOREIGN KEY REFERENCES Ceaiuri(Cid),
Mid INT FOREIGN KEY REFERENCES Magazine(Mid),
CONSTRAINT pk_CeaiuriMagazine PRIMARY KEY (Cid, Mid)
)

CREATE TABLE Manageri
(MaId INT FOREIGN KEY REFERENCES Magazine(Mid),
Nume varchar(50) NOT NULL,
Experienta INT,
CONSTRAINT pk_Manageri PRIMARY KEY(MaId)
)
```