People (\_cpf, Name, Email, Ddi, Ddd, Numero, Cep, Address, Number, Complement, Neighborhood, City, State, AccessType, user, password)

AccessType:

SADM 🡪 System administrator

ADM 🡪 store administrator

CLI 🡪 Client

Category (\_idCategory, name)

Product (\_idProduct, description, title, price, picture, state, \_idCategory)

ShoppingCart (\_cpf, \_idProduct, amount)

**SQL Commands**

create database databaseWebStore;

USE databaseWebStore;

CREATE TABLE People

(

\_cpf char(11) primary key,

[Name] varchar(100) not null,

Email varchar(50) not null,

Ddi int not null,

Ddd int not null,

CelphoneNumber int not null,

Cep int not null,

[Address] varchar(50) not null,

Number int not null,

Complement varchar(50),

Neighborhood varchar(50) not null,

City varchar(50) not null,

[State] char(2) not null,

AccessType varchar(4) not null,

[user] varchar(10) not null,

[password] varchar(10) not null,

constraint CKAccessType CHECK (AccessType = 'SADM' OR AccessType = 'ADM' OR AccessType = 'CLI')

)

INSERT INTO People VALUES ('11122233377', 'Erich de Mello', 'erichfmello@gmail.com', 55, 11, 979794646, 04015070, 'Rua Area', 111, NULL, 'Vila Vila', 'São Paulo', 'SP', 'SADM', 'erich', '123456')

CREATE TABLE Category

(

\_idCategory int identity(1, 1) primary key,

[Name] varchar(100) not null

)

CREATE TABLE Product

(

\_idProduct int identity(1, 1) primary key,

[Description] varchar(255),

Title varchar(50) not null,

Price decimal not null,

Picture image not null,

[state] char(2) not null,

\_idCategory int,

constraint fk\_idCategoryToCategory FOREIGN KEY (\_idCategory) REFERENCES Category (\_idCategory)

)

CREATE TABLE ShoppingCart

(

\_cpf char(11),

\_idProduct int,

amount int,

CONSTRAINT pk PRIMARY KEY (\_cpf, \_idProduct),

CONSTRAINT FkToPeople FOREIGN KEY (\_cpf) REFERENCES People (\_cpf),

CONSTRAINT FkToProduct FOREIGN KEY (\_idProduct) REFERENCES Product **(\_idProduct)**

)

alter table Product alter column Picture image

alter table Product alter column Price float not null

**SQL Database Diagrams**

