1

CREATE TABLE Employee

(

User\_ID Varchar (16) NOT NULL UNIQUE,

Password Varchar (32) NOT NULL,

First\_Name Varchar (20),

Middle\_Name Varchar (30),

Last\_Name Varchar (30),

Department\_ID int NOT NULL UNIQUE,

PRIMARY KEY (User\_ID)

)

CREATE TABLE Department

(

Department\_ID Int NOT NULL,

Department\_Description Varchar (50) NOT NULL UNIQUE,

PRIMARY KEY (Department\_Description),

FOREIGN KEY (Department\_ID) REFERENCES Employee (Department\_ID)

)

3

CREATE TABLE Customer

(

Customer\_ID Varchar (16) NOT NULL,

Company\_Name Varchar (50) NOT NULL,

Contact\_Title Varchar (5),

Contact\_First\_Name Varchar (20),

Contact\_Last\_Name Varchar (50),

PRIMARY KEY (Customer\_ID)

)

4

CREATE TABLE Product

(

Product\_ID int NOT NULL,

Product\_Description Varchar (50) NOT NULL,

Unit\_cost Money UNIQUE,

Quantity\_in\_stock Int,

Restocking\_level int,

PRIMARY KEY (Product\_ID)

)

5

CREATE TABLE Sales

(

Sales\_ID int NOT NULL,

Customer\_ID Varchar (16) NOT NULL,

Employee\_ID Varchar(16),

Sale\_Date DateTime,

Sale\_Total money,

PRIMARY KEY (Sales\_ID),

FOREIGN KEY (Customer\_ID) REFERENCES Customer (Customer\_ID),

FOREIGN KEY (Employee\_ID) REFERENCES Employee (User\_ID)

)

6

CREATE TABLE Sales\_detail

(

Sales\_ID int NOT NULL,

Product\_ID int NOT NULL,

Unit\_Cost Money NOT NULL UNIQUE,

Quantity int,

PRIMARY KEY (Unit\_Cost),

FOREIGN KEY (Sales\_ID) REFERENCES Sales (Sales\_ID),

FOREIGN KEY (Product\_ID) REFERENCES Product (Product\_ID),

FOREIGN KEY (Unit\_Cost) REFERENCES Product (Unit\_Cost)

)