**CREATE TABLE** BILLINGADDRESS  
(  
 **STREETADDRESS VARCHAR**(50) **NOT NULL**,  
 **CITY VARCHAR**(20) **NOT NULL**,  
 **"Postal/Zip" VARCHAR**(15) **NOT NULL**,  
 **COUNTRY VARCHAR**(15) **NOT NULL**,  
 **BA\_ID INT PRIMARY KEY NOT NULL**)

**CREATE TABLE** CARTDETAILS  
(  
 **CARTID INT NOT NULL**,  
 **COLOR VARCHAR**(15) **NOT NULL**,  
 **SIZE VARCHAR**(10) **NOT NULL**,  
 **MODELNAME VARCHAR**(30) **NOT NULL**,  
 **QUANTITY INT DEFAULT** 1 **NOT NULL**,  
 **CONSTRAINT** CARTDETAILS\_CARTID\_COLOR\_SIZE\_MODELNAME\_PK **PRIMARY KEY** (**CARTID**, **COLOR**, **SIZE**, **MODELNAME**),  
 **CONSTRAINT** CARTDETAILS\_SHOPPINGCART\_CARTID\_FK **FOREIGN KEY** (**CARTID**) **REFERENCES** SHOPPINGCART (**CARTID**),  
 **CONSTRAINT** CARTDETAILS\_CLOTHINGUNIT\_COLOR\_SIZE\_MODELNAME\_FK **FOREIGN KEY** (**SIZE**) **REFERENCES** CLOTHINGUNIT (**SIZE**)  
)

**CREATE TABLE** CLOTHINGCATEGORY  
(  
 **CATID INT PRIMARY KEY NOT NULL**,  
 **CATNAME VARCHAR**(50) **NOT NULL**,  
 **CATTYPE VARCHAR**(20) **NOT NULL**,  
 **CATEGORYDISCOUNT INT DEFAULT** 0 **NOT NULL**);  
**COMMENT ON COLUMN** CLOTHINGCATEGORY.**CATEGORYDISCOUNT IS 'Displayed as percentage'**

**CREATE TABLE** CLOTHINGMODEL  
(  
 **MODELNAME VARCHAR**(30) **PRIMARY KEY NOT NULL**,  
 **SEX VARCHAR**(1) **NOT NULL**,  
 **AGERANGE VARCHAR**(10),  
 **MODELDISCOUNT INT DEFAULT** 0,  
 **PRICE FLOAT**(53) **NOT NULL**,  
 **CATID INT NOT NULL**,  
 **CONSTRAINT** CLOTHINGMODEL\_CLOTHINGCATEGORY\_CATID\_FK **FOREIGN KEY** (**CATID**) **REFERENCES** CLOTHINGCATEGORY (**CATID**)  
);  
**COMMENT ON COLUMN** CLOTHINGMODEL.**MODELDISCOUNT IS 'Percentage Values'**

**CREATE TABLE** CLOTHINGUNIT  
(  
 **COLOR VARCHAR**(15) **NOT NULL**,  
 **RESTOCKDATE DATE**,  
 **MODELNAME VARCHAR**(30) **NOT NULL**,  
 **SIZE VARCHAR**(10) **NOT NULL**,  
 **CONSTRAINT** CLOTHINGUNIT\_COLOR\_SIZE\_PK **PRIMARY KEY** (**COLOR**, **MODELNAME**, **SIZE**),  
 **CONSTRAINT** CLOTHINGUNIT\_CLOTHINGMODEL\_MODELNAME\_FK **FOREIGN KEY** (**MODELNAME**) **REFERENCES** CLOTHINGMODEL (**MODELNAME**)  
)

**CREATE TABLE** CUSTOMER  
(  
 **EMAIL VARCHAR**(100) **PRIMARY KEY NOT NULL**,  
 **LASTNAME VARCHAR**(30),  
 **FIRSTNAME VARCHAR**(30) **NOT NULL**,  
 **PASSWORD VARCHAR**(30) **NOT NULL**)

**CREATE TABLE** EMPLOYEE  
(  
 **EID INT PRIMARY KEY NOT NULL**,  
 **ENAME VARCHAR**(20) **NOT NULL**,  
 **EMPLOYMENTDATE DATE NOT NULL**,  
 **SALARY FLOAT**(53)  
)

**CREATE TABLE ORDER**(  
 **ORDERID INT PRIMARY KEY NOT NULL**,  
 **ORDERTYPE VARCHAR**(10) **NOT NULL**,  
 **PAYMENTMETHOD VARCHAR**(20) **NOT NULL**,  
 **ORDERDATE DATE DEFAULT CURRENT DATE NOT NULL**,  
 **FINALAMOUNT FLOAT**(53) **NOT NULL**,  
 **CUSTOMEREMAIL VARCHAR**(100) **NOT NULL**,  
 **HANDLEDATE DATE**,  
 **HANDLER INT**,  
 **SHIPPINGID INT**,  
 **BILLINGID INT**,  
 **CARTID INT**,  
 **TRACKINGNUMBER VARCHAR**(13),  
 **CONSTRAINT** ORDER\_CUSTOMER\_EMAIL\_FK **FOREIGN KEY** (**CUSTOMEREMAIL**) **REFERENCES** CUSTOMER (**EMAIL**),  
 **CONSTRAINT** ORDER\_SHIPPINGADDRESS\_SA\_ID\_FK **FOREIGN KEY** (**SHIPPINGID**) **REFERENCES** SHIPPINGADDRESS (**SA\_ID**),  
 **CONSTRAINT** ORDER\_BILLINGADDRESS\_BA\_ID\_FK **FOREIGN KEY** (**BILLINGID**) **REFERENCES** BILLINGADDRESS (**BA\_ID**),  
 **CONSTRAINT** ORDER\_SHOPPINGCART\_CARTID\_FK **FOREIGN KEY** (**CARTID**) **REFERENCES** SHOPPINGCART (**CARTID**)  
);  
**COMMENT ON COLUMN** ORDER.**ORDERTYPE IS 'PURCHASE or REFUND'**;  
**COMMENT ON COLUMN** ORDER.**PAYMENTMETHOD IS 'VISA/MASTERCARD/AMERICAN EXPRESS/PAYPAL/INTERAC'**;  
**COMMENT ON COLUMN** ORDER.**SHIPPINGID IS 'Shipping Address ID'**;  
**COMMENT ON COLUMN** ORDER.**BILLINGID IS 'Billing Address ID'**;  
**COMMENT ON COLUMN** ORDER.**CARTID IS 'Shopping Cart ID'**

**CREATE TABLE** SHIPPINGADDRESS  
(  
 **STREETADDRESS VARCHAR**(50) **NOT NULL**,  
 **CITY VARCHAR**(20) **NOT NULL**,  
 **"Postal/Zip" VARCHAR**(15) **NOT NULL**,  
 **COUNTRY VARCHAR**(15) **NOT NULL**,  
 **SA\_ID INT PRIMARY KEY NOT NULL**)

**CREATE TABLE** SHIPPINGINFO  
(  
 **TRACKINGNUMBER VARCHAR**(13) **PRIMARY KEY NOT NULL**,  
 **SHIPPINGDATE DATE NOT NULL**,  
 **SHIPPINGMETHOD VARCHAR**(50) **NOT NULL**,  
 **ORDERID INT**,  
 **CONSTRAINT** SHIPPINGINFO\_ORDER\_ORDERID\_FK **FOREIGN KEY** (**ORDERID**) **REFERENCES ORDER** (**ORDERID**)  
);  
**COMMENT ON COLUMN** SHIPPINGINFO.**SHIPPINGMETHOD IS 'Regular/Expedited/Express'**

**CREATE TABLE** SHOPPINGCART  
(  
 **CARTID INT PRIMARY KEY NOT NULL**,  
 **CUSTOMEREMAIL VARCHAR**(40),  
 **ORDERID INT**,  
 **DATECREATED DATE NOT NULL**,  
 **CONSTRAINT** SHOPPINGCART\_CUSTOMER\_EMAIL\_FK **FOREIGN KEY** (**CUSTOMEREMAIL**) **REFERENCES** CUSTOMER (**EMAIL**),  
 **CONSTRAINT** SHOPPINGCART\_ORDER\_ORDERID\_FK **FOREIGN KEY** (**ORDERID**) **REFERENCES ORDER** (**ORDERID**)  
)

**CREATE TABLE** UNITSTOCKING  
(  
 **MODELNAME VARCHAR**(30) **NOT NULL**,  
 **QUANTITYAVAILABLE INT NOT NULL**,  
 **LOCATION VARCHAR**(20) **NOT NULL**,  
 **COLOR VARCHAR**(15) **NOT NULL**,  
 **SIZE VARCHAR**(10) **NOT NULL**,  
 **CONSTRAINT** UNITSTOCKING\_COLOR\_SIZE\_PK **PRIMARY KEY** (**COLOR**, **MODELNAME**, **SIZE**, **LOCATION**),  
 **CONSTRAINT** UNITSTOCKING\_WAREHOUSE\_LOCATION\_FK **FOREIGN KEY** (**LOCATION**) **REFERENCES** WAREHOUSE (**LOCATION**)  
);  
**COMMENT ON COLUMN** UNITSTOCKING.**QUANTITYAVAILABLE IS 'Current Stock'**

**CREATE TABLE** WAREHOUSE  
(  
 **LOCATION VARCHAR**(20) **PRIMARY KEY NOT NULL**,  
 **MAXSTOCKCAPACITY INT NOT NULL**);  
**COMMENT ON COLUMN** WAREHOUSE.**MAXSTOCKCAPACITY IS 'In terms of units'**