

```

CREATE TABLE Employee (
    EmployeeId INTEGER NOT NULL,
    Password CHAR(6),
    FirstName CHAR(20),
    LastName CHAR(20),
    Address CHAR(30),
    Email CHAR(50),
    PhoneNumber CHAR(15),
    Role CHAR(10),
    DateJoined DATE,
    PRIMARY KEY (EmployeeId)
);

CREATE TABLE Customer (
    CustomerId INTEGER NOT NULL,
    Password CHAR(6),
    FirstName CHAR(20),
    LastName CHAR(20),
    Address CHAR(30),
    Email CHAR(50),
    PhoneNumber CHAR(15),
    PRIMARY KEY (CustomerId)
);

CREATE TABLE Seller (
    SellerId INTEGER NOT NULL,
    Password CHAR(6),
    FirstName CHAR(20),
    LastName CHAR(20),
    Address CHAR(30),
    Email CHAR(50),
    PhoneNumber CHAR(15),
    PRIMARY KEY (SellerId)
);

CREATE TABLE shipment (
    ShipmentId INTEGER NOT NULL AUTO_INCREMENT,
    ShipmentDetail VARCHAR(50),
    ShipmentType CHAR(50),
    ShipmentCharge DECIMAL(10,2),
    PRIMARY KEY (ShipmentId)
);

CREATE TABLE payment(
    CustomerId INTEGER NOT NULL,
    PaymentId INTEGER NOT NULL AUTO_INCREMENT,
    CardType CHAR(10),
    ExpirationDate DATE,
    CardNumber CHAR(20),
    PRIMARY KEY (PaymentId)
);

```

```
CREATE TABLE customerorders(  
    CustomerId INTEGER NOT NULL,  
    OrderId INTEGER NOT NULL AUTO_INCREMENT,  
    PaymentId INTEGER,  
    ShipmentId INTEGER,  
    TotalCharge DECIMAL(10,2),  
    PRIMARY KEY(OrderId)  
);
```

```
CREATE TABLE orderitems(  
    OrderId INTEGER NOT NULL,  
    ItemId INTEGER NOT NULL,  
    ItemName CHAR(20),  
    SellerId INTEGER NOT NULL,  
    Quantity INTEGER,  
    ItemPrice Decimal(10,2),  
    PRIMARY KEY(OrderId,ItemId)  
);
```

```
CREATE TABLE Inventory (  
    SellerId INTEGER NOT NULL,  
    ItemId INTEGER NOT NULL AUTO_INCREMENT,  
    ItemName CHAR(20),  
    Quantity INTEGER,  
    Price DECIMAL(10,2),  
    PRIMARY KEY (ItemId)  
);
```

```
CREATE TABLE review (  
    ReviewId INTEGER NOT NULL AUTO_INCREMENT,  
    ItemId INTEGER,  
    Rating INTEGER,  
    DetailedReview VARCHAR(255),  
    DatePosted DATE,  
    CustomerId INTEGER NOT NULL,  
    PRIMARY KEY (ReviewId)  
);
```

```
ALTER TABLE customerorders  
ADD FOREIGN KEY (PaymentId) REFERENCES payment(PaymentId);
```

```
ALTER TABLE customerorders  
ADD FOREIGN KEY (ShipmentId) REFERENCES shipment( ShipmentId);
```

```
ALTER TABLE orderitems  
ADD FOREIGN KEY (ItemId) REFERENCES inventory(ItemId);
```

