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SET client_encoding = 'UTF8';
SET standard_conforming_strings = off;
SET check_function_bodies = false;
SET client_min_messages = warning;
SET escape_string_warning = off;

CREATE SCHEMA DealDone;

SET search_path = DealDone;

CREATE TABLE Customer (
    custID char(9) NOT NULL,
    fname Varchar(15),
    lname Varchar(15),
    Contact Varchar(13),
    Email_id Varchar(20),
    PRIMARY KEY (custID)
);

CREATE TABLE CustomerAddress (
    custID char(9) NOT NULL,
    Address Varchar(30),
    PRIMARY KEY (custID,Address),
    FOREIGN KEY (custID) REFERENCES Customer(custID)
        ON DELETE CASCADE ON UPDATE CASCADE
);

CREATE TABLE Category(
    catID char(9),
    catName Varchar(20),
    PRIMARY KEY (catID)
);

CREATE TABLE Items (
    itemCode Varchar(5) NOT NULL,
    Name Varchar(20),
    catID char(9),
    Stock integer,
    Brand Varchar(20),
    Discount numeric(3,1),
    Price Decimal(8,2),
    Rating numeric(2,1),
    Description Varchar(30),
    PRIMARY KEY (itemCode),
    FOREIGN KEY (catID) REFERENCES Category(catID)

```

ON DELETE SET NULL ON UPDATE CASCADE

);

```
CREATE TABLE DeliveryService (  
    delivery_address Varchar(30),  
    delivery_charge numeric(5,2),  
    contact_no Varchar(13),  
    PRIMARY KEY (delivery_address)
```

);

```
CREATE TABLE purchased(  
    itemCode Varchar(5),  
    custID char(9),  
    Quantity integer,  
    purchased_date date,  
    PRIMARY KEY (itemCode, custID, purchased_date),  
    FOREIGN KEY (itemCode) REFERENCES Items(itemCode)  
        ON DELETE CASCADE ON UPDATE CASCADE,  
    FOREIGN KEY (custID) REFERENCES Customer(custID)  
        ON DELETE CASCADE ON UPDATE CASCADE
```

);

```
CREATE TABLE Bills1(  
    Bill_no Varchar(5) NOT NULL,  
    custID char(9),  
    delivery_address Varchar(30),  
    bill_date date,  
    Mode_of_Payment Varchar(15),  
    expected_delivery_date Date,  
    PRIMARY KEY(bill_no,itemCode),  
    FOREIGN KEY (custID,itemCode, bill_date) REFERENCES  
purchased(custID,itemCode, purchased_date)  
        ON DELETE SET NULL ON UPDATE CASCADE,  
    FOREIGN KEY (delivery_address) REFERENCES  
DeliveryService(delivery_address)  
        ON DELETE SET NULL ON UPDATE CASCADE
```

);

```
CREATE Table Bills2(  
    Bill_no Varchar(5) NOT NULL,
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        itemCode Varchar(5),

);

CREATE TABLE wishes_to_buy(
    custID char(9),
    itemCode Varchar(5),
    PRIMARY KEY (itemCode, custID),
    FOREIGN KEY (itemCode) REFERENCES Items(itemCode)
        ON DELETE CASCADE ON UPDATE CASCADE,
    FOREIGN KEY (custID) REFERENCES Customer(custID)
        ON DELETE CASCADE ON UPDATE CASCADE
);
```