CREATE TABLE Customer (

customer\_id serial PRIMARY KEY,

name VARCHAR(255) NOT NULL,

barangay VARCHAR(255),

city VARCHAR(255),

province VARCHAR(255)

);

CREATE TABLE Contact\_Information (

contact\_id serial PRIMARY KEY,

phone\_number VARCHAR(15),

email VARCHAR(255),

customer\_id INT REFERENCES Customer(customer\_id)

);

CREATE TABLE Orders (

order\_id serial PRIMARY KEY,

order\_number VARCHAR(20) NOT NULL,

order\_date DATE NOT NULL,

order\_status VARCHAR(20),

payment\_method VARCHAR(20),

customer\_id INT REFERENCES Customer(customer\_id)

);

CREATE TABLE Order\_Details (

orderDetail\_id serial PRIMARY KEY,

order\_id INT REFERENCES Orders(order\_id),

menuItem\_id INT REFERENCES MenuItem(menuItem\_id),

quantity INT NOT NULL,

subtotal DECIMAL(10, 2)

);

CREATE TABLE Menu\_Item (

menuItem\_id serial PRIMARY KEY,

name VARCHAR(255) NOT NULL,

description TEXT,

price DECIMAL(10, 2) NOT NULL,

availability\_status VARCHAR(20),

restaurant\_id INT REFERENCES Restaurant(restaurant\_id)

);

CREATE TABLE Restaurant (

restaurant\_id serial PRIMARY KEY,

name VARCHAR(255) NOT NULL,

city VARCHAR(255),

province VARCHAR(255)

);

INSERT INTO Customer (name, barangay, city, province)

VALUES

('John Doe', 'Ambago', 'Butuan City', 'ADN'),

('Alice Smith', 'Libertad', 'Butuan City 2', 'ADN'),

('Bob Johnson', 'Obrero', 'Butuan City', 'ADN');

INSERT INTO Contact\_Information (phone\_number, email, customer\_id)

VALUES

('123-456-7890', 'john.doe@gmail.com', 1),

('555-123-4567', 'alice@gmail.com', 2), -- Customer ID 2

('555-987-6543', 'bob@gmail.com', 3); -- Customer ID 3

INSERT INTO Orders (order\_number, order\_date, order\_status, payment\_method, customer\_id)

VALUES

('ORD-001', '2023-10-23', 'In Progress', 'Credit Card', 1),

('ORD-002', '2023-10-24', 'Shipped', 'PayPal', 2), -- Customer ID 2

('ORD-003', '2023-10-25', 'Delivered', 'Credit Card', 3); -- Customer ID 3

INSERT INTO Order\_Details (order\_id, menuItem\_id, quantity, subtotal)

VALUES

(1, 2, 1, 12.50),

(2, 1, 3, 26.97), -- Example order for Customer ID 2

(3, 2, 2, 25.00); -- Example order for Customer ID 3

INSERT INTO Menu\_Item (name, description, price, availability\_status, restaurant\_id)

VALUES

('Cheeseburger', 'Delicious cheeseburger with lettuce and tomato', 8.99, 'Available', 1),

('Margherita Pizza', 'Classic pizza with tomato sauce and mozzarella cheese', 12.99, 'Available', 1),

('Chicken Alfredo', 'Creamy chicken Alfredo pasta', 15.99, 'Available', 2);

INSERT INTO Restaurant (name, city, province) VALUES

('Tasty Bites', 'Butuan City', 'ADN'),

('Pizza Paradise', 'Butuan City ', 'ADN'),

('Pasta Palace', 'Butuan City', 'ADN ');

--MERGE

SELECT A.\*, B.\*, C.\*, D.\*, E.\*, F.\*

FROM Contact\_Information A, Customers B, Orders C, Order\_Details D, Item\_Menu E, Restaurant F

WHERE A.customer\_id=B.customer\_id

AND B.customer\_id=C.customer\_id

AND C.order\_id=D.order\_id

AND D.menuItem\_id=E.menuItem\_id

AND E.restaurant\_id=F.restaurant\_id