**FOOD\_ORDER DATABASE SETUP:**

CREATE DATABASE food\_delivery;

USE food\_delivery;

CREATE TABLE customer (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

email VARCHAR(255) NOT NULL UNIQUE,

password VARCHAR(255) NOT NULL

);

CREATE TABLE product (

id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(255) NOT NULL,

price DECIMAL(10,2) NOT NULL,

subscription\_discount DECIMAL(5,2)

);

CREATE TABLE subscription (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT,

subscription\_type VARCHAR(255) NOT NULL,

start\_date DATE,

end\_date DATE,

is\_active BOOLEAN DEFAULT TRUE,

FOREIGN KEY (customer\_id) REFERENCES customer(id)

);

CREATE TABLE orders (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_email VARCHAR(255) NOT NULL,

total\_price DECIMAL(10,2) NOT NULL,

subscription\_type VARCHAR(255),

order\_date DATE,

FOREIGN KEY (customer\_email) REFERENCES customer(email)

);

CREATE TABLE order\_item (

id INT AUTO\_INCREMENT PRIMARY KEY,

order\_id INT,

product\_id INT,

quantity INT NOT NULL,

FOREIGN KEY (order\_id) REFERENCES orders(id),

FOREIGN KEY (product\_id) REFERENCES product(id)

);

CREATE TABLE delivery\_schedule (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT,

product\_id INT,

delivery\_date DATE NOT NULL,

FOREIGN KEY (customer\_id) REFERENCES customer(id),

FOREIGN KEY (product\_id) REFERENCES product(id)

);

CREATE TABLE order\_history (

id INT AUTO\_INCREMENT PRIMARY KEY,

customer\_id INT,

product\_id INT,

quantity INT,

subscription\_id INT,

order\_date DATE,

FOREIGN KEY (customer\_id) REFERENCES customer(id),

FOREIGN KEY (product\_id) REFERENCES product(id),

FOREIGN KEY (subscription\_id) REFERENCES subscription(id)

);

-- Insert some dummy data

INSERT INTO customer (name, email, password) VALUES ('John Doe', 'john@example.com', 'password123');

INSERT INTO product (name, price, subscription\_discount) VALUES ('Apple', 1.50, 10.0);

INSERT INTO product (name, price, subscription\_discount) VALUES ('Banana', 0.75, 5.0);

INSERT INTO product (name, price, subscription\_discount) VALUES ('Orange', 2.00, 8.0);

-- Subscriptions, orders, and delivery schedules would follow similar patterns based on the above tables.