Hotel Management

1.Creation of Customer:

CREATE TABLE Customer (

  C_ID INT PRIMARY KEY,

  NAME VARCHAR(100),

  PHONE_NUM VARCHAR(15),

  NEEDS VARCHAR(255),

  FEEDBACK TEXT

);

Insertion:

INSERT INTO Customer (C_ID, NAME, PHONE_NUM, NEEDS, FEEDBACK) VALUES

(101, 'John Doe', '1234567890', 'Vegan', 'Great service!'),

(102, 'Jane Smith', '9876543210', 'Allergic to nuts', 'Good experience.'),

(103, 'Mark Brown', '4561237890', 'Gluten-free', 'Delicious food.'),

(104, 'Lucy Green', '7894561230', 'Wheelchair access', 'Very accommodating.'),

(105, 'Emma White', '3216549870', 'Halal food', 'Satisfactory.'),

(106, 'Chris Black', '6543219870', 'No dairy', 'Could be better.'),

(107, 'Olivia Blue', '1478523690', 'Vegetarian', 'Excellent atmosphere.'),

(108, 'Jack Grey', '9632587410', 'Spicy food', 'Too spicy.');

2.Creation of Reservation:

CREATE TABLE Reservation (

  R_ID INT PRIMARY KEY,

  C_ID INT,

  TABLE_NUM INT,

  STATUS VARCHAR(50),

  TIME TIMESTAMP

);

Insertion:

INSERT INTO Reservation (R_ID, C_ID, TABLE_NUM, STATUS, TIME) VALUES

(1, 101, 5, 'Confirmed', '2023-09-13 18:30:00'),

(2, 102, 2, 'Cancelled', '2023-09-14 19:00:00'),

(3, 103, 3, 'Confirmed', '2023-09-15 20:00:00'),

(4, 104, 7, 'Confirmed', '2023-09-16 18:45:00'),

(5, 105, 6, 'Waiting', '2023-09-16 19:30:00'),

(6, 106, 4, 'Confirmed', '2023-09-17 20:15:00'),

(7, 107, 8, 'Waiting', '2023-09-18 18:00:00'),

(8, 108, 10, 'Cancelled', '2023-09-19 21:00:00');

3.Creation of menu:

CREATE TABLE Menu (

   M_ID INT PRIMARY KEY,

   ITEM VARCHAR(100),

   PRICE DECIMAL(5, 2),

   AVAILABILITY VARCHAR(50),

   TYPE VARCHAR(50)

);

Insertion:

INSERT INTO Menu (M_ID, ITEM, PRICE, AVAILABILITY, TYPE) VALUES

(201, 'Pasta', 12.99, 'Available', 'Main Course'),

(202, 'Salad', 8.50, 'Available', 'Appetizer'),

(203, 'Steak', 25.99, 'Out of Stock', 'Main Course'),

(204, 'Soup', 5.99, 'Available', 'Appetizer'),

(205, 'Ice Cream', 4.99, 'Available', 'Dessert'),

(206, 'Pizza', 14.99, 'Available', 'Main Course'),

(207, 'Fries', 3.99, 'Available', 'Side'),

(208, 'Burger', 11.50, 'Available', 'Main Course');

4.creation of staff:

CREATE TABLE Staff (

   S_ID INT PRIMARY KEY,

```
    POSITION VARCHAR(50),

    SALARY DECIMAL(7, 2),

    NAME VARCHAR(100),

    GENDER VARCHAR(10)

);
```

Insertion:

```
INSERT INTO Staff (S_ID, POSITION, SALARY, NAME, GENDER) VALUES

(301, 'Chef', 45000.00, 'Tom Hardy', 'Male'),

(302, 'Waiter', 30000.00, 'Anna Bell', 'Female'),

(303, 'Manager', 60000.00, 'Mike Tyson', 'Male'),

(304, 'Cleaner', 25000.00, 'Sara Lee', 'Female'),

(305, 'Cashier', 32000.00, 'Tim Rogers', 'Male'),

(306, 'Waiter', 29000.00, 'Emma Gold', 'Female'),

(307, 'Chef', 48000.00, 'Peter Parker', 'Male'),

(308, 'Manager', 61000.00, 'Natasha Romanoff', 'Female');
```

5.creation of billing section:

```
CREATE TABLE Billing_Section (

    B_ID INT PRIMARY KEY,

    TOTAL_AMOUNT DECIMAL(8, 2),

    PAYMENT_MODE VARCHAR(50),

    DATE DATE,

    TAX DECIMAL(5, 2)

);
```

Insertion:

```
INSERT INTO Billing_Section (B_ID, TOTAL_AMOUNT, PAYMENT_MODE, DATE, TAX) VALUES

(401, 150.75, 'Credit Card', '2023-09-13', 15.75),

(402, 75.50, 'Cash', '2023-09-14', 7.55),

(403, 200.25, 'Debit Card', '2023-09-15', 20.02),

(404, 95.99, 'Credit Card', '2023-09-16', 9.59),

(405, 180.30, 'Cash', '2023-09-17', 18.03),
```

(406, 45.50, 'Credit Card', '2023-09-18', 4.55),

(407, 225.99, 'Online', '2023-09-19', 22.60),

(408, 105.75, 'Debit Card', '2023-09-20', 10.58);