

Database:

-- Create database

```
CREATE DATABASE IF NOT EXISTS hotel_management_system;  
USE hotel_management_system;
```

-- Table: account

```
DROP TABLE IF EXISTS account;  
CREATE TABLE account (  
    userName VARCHAR(50) NOT NULL,  
    emailid VARCHAR(50) NOT NULL,  
    Phoneno VARCHAR(25) NOT NULL,  
    gender VARCHAR(25) NOT NULL,  
    password VARCHAR(100) DEFAULT NULL  
);
```

-- Table: employee

```
DROP TABLE IF EXISTS employee;  
CREATE TABLE employee (  
    empId INT NOT NULL AUTO_INCREMENT,  
    firstName VARCHAR(20),
```

```
lastName VARCHAR(20),
fatherName VARCHAR(40),
emailId VARCHAR(40),
phoneNo VARCHAR(20),
idProof VARCHAR(20),
idNumber VARCHAR(20),
gender VARCHAR(10),
work VARCHAR(10),
address VARCHAR(100),
permanent INT,
salary INT,
age VARCHAR(5),
nightDuty VARCHAR(5),
PRIMARY KEY (empId)
);
```

-- Table: room

```
DROP TABLE IF EXISTS room;
```

```
CREATE TABLE room (
    no VARCHAR(20) PRIMARY KEY,
```

```
type VARCHAR(20),  
price INT,  
available VARCHAR(5)  
);
```

-- Table: customer

```
DROP TABLE IF EXISTS customer;
```

```
CREATE TABLE customer (  
    roomNo VARCHAR(20),  
    type VARCHAR(20),  
    price INT,  
    firstName VARCHAR(20),  
    lastName VARCHAR(20),  
    idProof VARCHAR(20),  
    idNumber VARCHAR(20),  
    emailId VARCHAR(40),  
    phoneNo VARCHAR(20),  
    adult INT,  
    kids INT,  
    submittedMoney INT,
```

```
address VARCHAR(100),  
citizen VARCHAR(10),  
checkin VARCHAR(40),  
nightStay INT,  
meal VARCHAR(10),  
FOREIGN KEY (roomNo) REFERENCES room(no)  
);
```

-- Table: restaurant

```
DROP TABLE IF EXISTS restaurant;
```

```
CREATE TABLE restaurant (  
    foodName VARCHAR(40),  
    foodPrice INT  
);
```

-- Optional: Sample Data

-- Sample rooms

```
INSERT INTO room (no, type, price, available) VALUES  
('101', 'Single', 1000, 'Yes'),
```

```
('102', 'Double', 1800, 'Yes'),  
( '103', 'Suite', 3000, 'No');
```

-- Sample employees

```
INSERT INTO employee (firstName, lastName, fatherName,  
emailId, phoneNo, idProof, idNumber, gender, work, address,  
permanent, salary, age, nightDuty)
```

```
VALUES
```

```
('Amit', 'Roy', 'Sushil Roy', 'amit@hotel.com', '01712345678',  
'NID', '123456789', 'Male', 'Manager', 'Dhaka', 1, 35000, '35',  
'Yes'),
```

```
('Sumi', 'Akter', 'Jalal Uddin', 'sumi@hotel.com', '01898765432',  
'NID', '987654321', 'Female', 'Cleaner', 'Chittagong', 0, 15000,  
'25', 'No');
```

-- Sample customers

```
INSERT INTO customer (roomNo, type, price, firstName,  
lastName, idProof, idNumber, emailId, phoneNo, adult, kids,  
submittedMoney, address, citizen, checkin, nightStay, meal)
```

```
VALUES
```

```
('101', 'Single', 1000, 'Rahim', 'Uddin', 'NID', '456789123',  
'rahim@example.com', '01700000000', 2, 0, 1000, 'Sylhet', 'BD',  
'2025-04-10', 2, 'Yes');
```

-- Sample restaurant items

```
INSERT INTO restaurant (foodName, foodPrice) VALUES  
( 'Chicken Curry', 250),  
( 'Beef Curry', 300),  
( 'Vegetable Fried Rice', 150),  
( 'Soft Drink', 50);
```