

## Code:

```
-- Table for room categories
CREATE TABLE RoomCategories (
    CategoryID INT PRIMARY KEY,
    CategoryName VARCHAR(50) NOT NULL,
    Price DECIMAL(10, 2) NOT NULL
);

-- Table for rooms
CREATE TABLE Rooms (
    RoomNumber INT PRIMARY KEY,
    CategoryID INT,
    Status VARCHAR(20) DEFAULT 'Available', -- Status can be 'Available', 'Occupied', 'Under Maintenance', etc.
    FOREIGN KEY (CategoryID) REFERENCES RoomCategories(CategoryID)
);

-- Table for employees
CREATE TABLE Employees (
    EmployeeID INT PRIMARY KEY,
    FirstName VARCHAR(50) NOT NULL,
    LastName VARCHAR(50) NOT NULL,
    Position VARCHAR(50) NOT NULL,
    Salary DECIMAL(10, 2) NOT NULL
);

-- Table for customers
CREATE TABLE Customers (
    CustomerID INT PRIMARY KEY,
    FirstName VARCHAR(50) NOT NULL,
    LastName VARCHAR(50) NOT NULL,
    Address VARCHAR(100),
    Phone VARCHAR(20)
);

-- Table for bookings
CREATE TABLE Bookings (
    BookingID INT PRIMARY KEY,
    CustomerID INT,
    RoomNumber INT,
    CheckInDate DATE,
    CheckOutDate DATE,
    FOREIGN KEY (CustomerID) REFERENCES Customers(CustomerID),
    FOREIGN KEY (RoomNumber) REFERENCES Rooms(RoomNumber)
);

-- Table for payments
```

```
CREATE TABLE Payments (
    PaymentID INT PRIMARY KEY,
    BookingID INT,
    Amount DECIMAL(10, 2) NOT NULL,
    PaymentMethod VARCHAR(50) NOT NULL, -- Cash, Credit Card, etc.
    PaymentDate DATE,
    FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID)
);
```

```
-- Table for food and beverages
CREATE TABLE FoodAndBeverages (
    ItemID INT PRIMARY KEY,
    ItemName VARCHAR(100) NOT NULL,
    Price DECIMAL(10, 2) NOT NULL
);
```

```
-- Table for bills
CREATE TABLE Bills (
    BillID INT PRIMARY KEY,
    BookingID INT,
    TotalAmount DECIMAL(10, 2) NOT NULL,
    BillDate DATE,
    FOREIGN KEY (BookingID) REFERENCES Bookings(BookingID)
);
```

## OUTPUT :

```
mysql> SELECT * FROM RoomCategories;
```

CategoryID	CategoryName	Price
1	Standard	100.00
2	Deluxe	150.00
3	Suite	250.00

```
mysql> SELECT * FROM Rooms;
```

RoomNumber	CategoryID	Status
101	1	Available
102	2	Occupied
103	1	Available
104	3	Under Maintenance
105	2	Available

```
mysql> SELECT * FROM Employees;
```

EmployeeID	FirstName	LastName	Position	Salary
1	John	Doe	Manager	50000.00
2	Jane	Smith	Receptionist	30000.00
3	Michael	Johnson	Housekeeping	25000.00
4	Emily	Brown	Waiter	28000.00
5	David	Jones	Chef	45000.00