

Report

Team Title: Five Stars 

Project Idea : Hotel Management System

Team Members :

- | | |
|----------------------------------|------------|
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Introduction

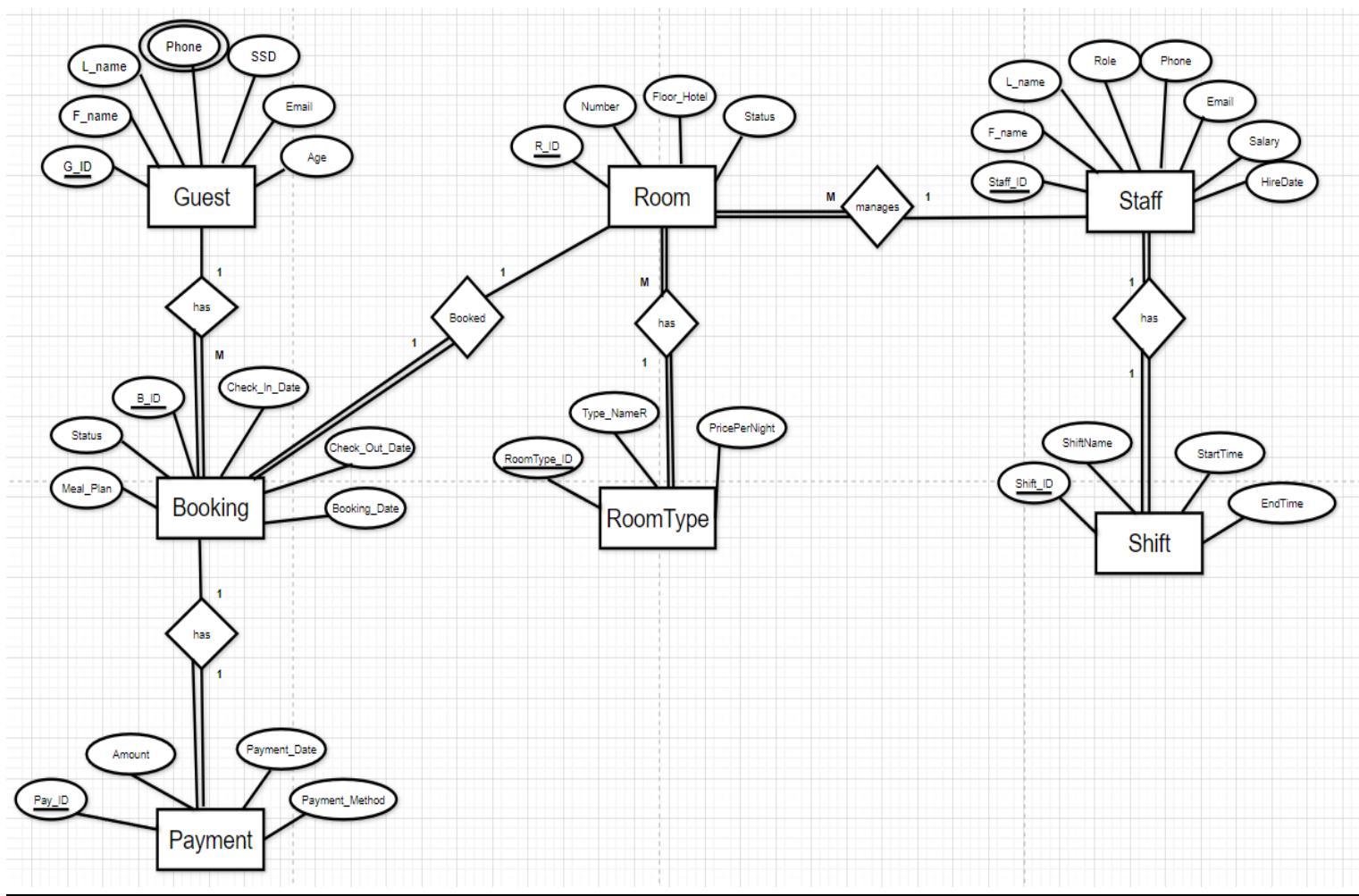
The Hotel Management System project aims to simulate the operations of a modern hotel, managing guests, rooms, staff, bookings, and payments. The system provides a structured database that helps the hotel management team efficiently track and organize all activities.

The project includes several main tables representing key entities, with relations between tables to ensure data integrity and easy querying:

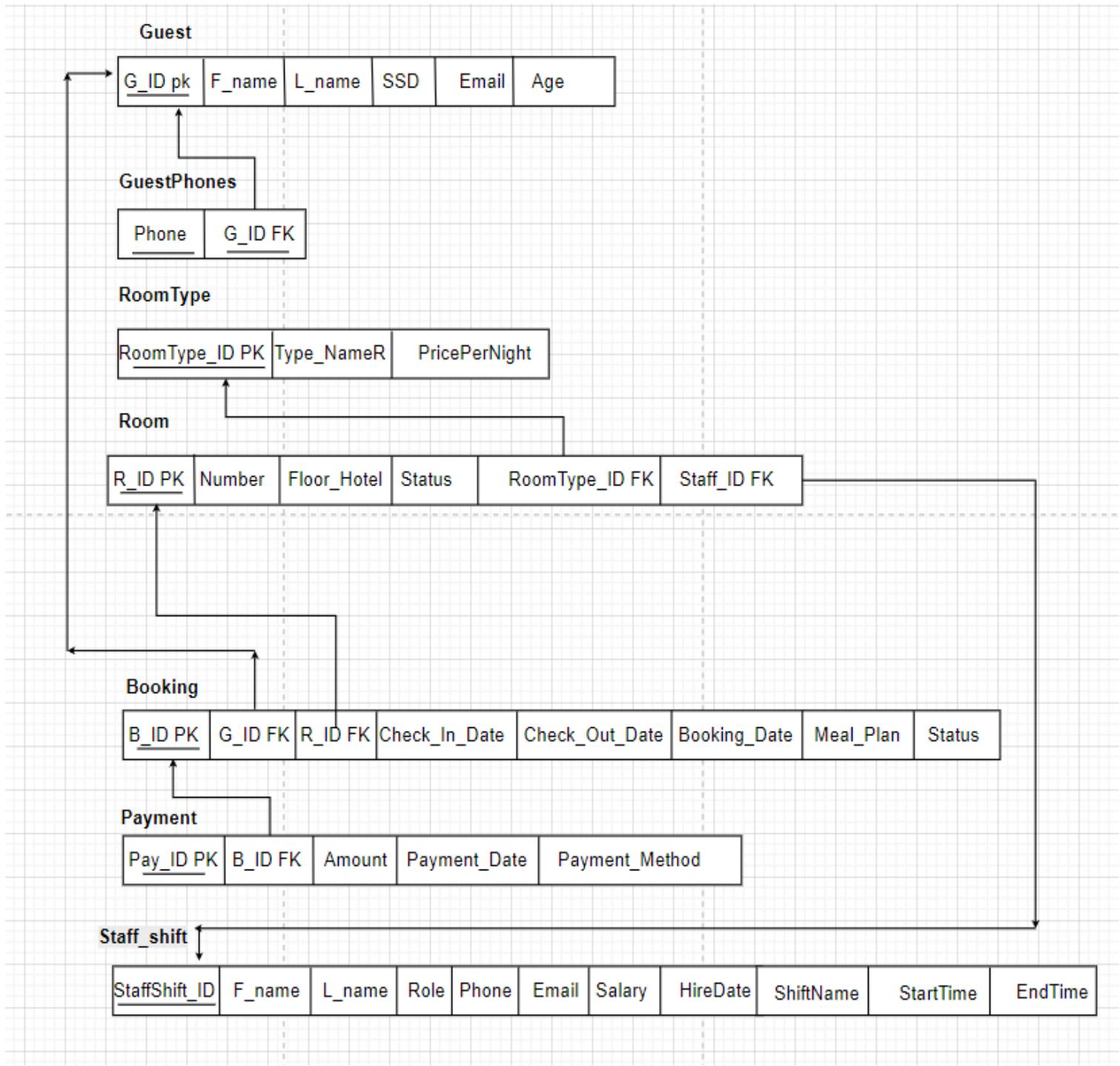
- **Guests:** Stores personal information of hotel visitors, including full name, social security number (SSN), email, and age. Each guest can have multiple contact phone numbers. Each guest can have a (one-to-many) relationship with Bookings.
- **Guest Phones:** Maintains the phone numbers associated with each guest for easy communication.
- **Room Types:** Defines room categories (Single, Double, Suite) along with their respective prices per night. Each Room Type can be assigned to multiple Rooms (one-to-many).
- **Staff Shifts:** Contains information about hotel employees, including role (Cleaner, Reception, Manager), contact details, salary, hire date, and assigned shift. Each Staff has a (one-to-one) relation with a shift.
- **Rooms:** Tracks room numbers, floor, current status (Available, Occupied, Cleaning), room type, and the staff member responsible for it. Each Room has a (one-to-one) relation with Booking and (one-to-many) relation with Staff.
- **Bookings:** Manages reservations made by guests, including check-in and check-out dates, booking date, meal plan, and booking status. Each Booking has a (one-to-one) relation with Payment.
- **Payments:** Records payment information for each booking, including amount, date, and payment method.

This system demonstrates relational database concepts, with interconnected tables, foreign keys, and constraints to maintain data consistency. It enables queries for reporting and analytics, such as Full Booking Details Report, Total Revenue per Room Type, Average Stay per Room Type, Upcoming Bookings, Top 5 Guests by Payment, Staff Responsibilities, Guest Phones List, Booking Meal Plans, Number of Bookings per Meal Plan, Monthly Revenue and Bookings Report.

ERD



Relational Schema



Data Dictionary

1. Guest : Stores personal information about each guest

Field Name	Data Type	Field Length	Constraint	Description
G_ID	Int	—	Primary Key, Auto Increment	Unique ID for each guest
F_name	Varchar	20	Not Null	Guest first name
L_name	Varchar	20	Not Null	Guest last name
Email	Varchar	50	Null, Unique	Guest email address
SSD	Varchar	14	Not Null	National ID
Age	Int	—	Null , Check (Age ≥ 16)	Age of the guest

2. GuestPhones : Stores multiple phone numbers for each guest

Field Name	Data Type	Field Length	Constraint	Description
Phone	Varchar	20	Not Null , Primary Key (composite with G_ID)	Guest phone number
G_ID	Int	—	Not Null , Foreign Key → Guest(G_ID)	References the guest

3. RoomType: Represents categories of rooms (Single, Double, Suite) and their prices

Field Name	Data Type	Field Length	Constraint	Description
RoomType_ID	Int	—	Primary Key, Auto Increment	Unique ID for room type
Type_NameR	Varchar	30	Not Null	Name of room type (single , doule , suite)
PricePerNight	Decimal	(10,2)	Not Null , Check(PricePerNight >0)	Price Per Night

4. Room : Tracks rooms in the hotel including their floor, number, and status.

Field Name	Data Type	Field Length	Constraint	Description
R_ID	Int	—	Primary Key, Auto Increment	Unique ID for each room
Number	Int	—	Not Null , Check (Number >0)	Room number (e.g., 101, 205)
Floor_Hotel	Int	—	Not Null , Check (Floor_Hotel >= 0)	Floor number
Status	Varchar	20	Not Null, Check ('Available','Occupied','Maintenance')	Current room status
RoomType_ID	Int	—	Foreign Key → RoomType(RoomType_ID)	Type of the room
Staff_ID	Int	—	Foreign Key → Staff_Shift(StaffShift_ID)	Staff responsible for the room

5. Booking: Represents a guest's reservation for a room, including check-in, check-out, and meal plan.

Field Name	Data Type	Field Length	Constraint	Description
B_ID	Int	—	Primary Key, Auto Increment	Unique ID for booking
G_ID	Int	—	Foreign Key → Guest(G_ID), Not Null	Guest who made the booking
R_ID	Int	—	Foreign Key → Room(R_ID), Not Null	Room being booked
Check_In_Date	Date	—	Not Null	Check-in date
Check_Out_Date	Date	—	Not Null	Check-out date
Booking_Date	Date	—	Not Null	Date when booking was made
Meal_Plan	Varchar	20	Null	Meal plan (Breakfast, Half Board, Full Board, None)
Status	Varchar	20	Null	Booking Status(confirmed , Checked-in , Completed, Upcoming)

6. Payment: Stores payment details for each booking

Field Name	Data Type	Field Length	Constraint	Description
Pay_ID	Int	—	Primary Key, Auto Increment	Unique payment ID
B_ID	Int	—	Foreign Key → Booking(B_ID), Not Null	Booking this payment is for
Amount	Decimal	(10,2)	Not Null , check(Amount >0)	Payment amount
Payment_Date	Date	—	Null	Date of payment
Payment_Method	Varchar	20	Null, Check ('Cash','Card','Online')	Payment method

7.Staff_Shift : Contains information about employees and their assigned work shifts. Each staff member works exactly one shift, so shift details are included directly in this table.

Field Name	Data Type	Field Length	Constraint	Description
StaffShift_ID	Int	—	Primary Key, Auto Increment	Unique ID for staff & shift
F_name	Varchar	20	Not Null	Staff first name
L_name	Varchar	20	Not Null	Staff last name
Role	Varchar	20	Not Null	Job role (Reception, Cleaner , Manager)
Phone	Varchar	20	Null	Staff phone
Email	Varchar	50	Null , Unique	Staff email
Salary	Decimal	(10,2)	Not Null ,Check(Salary >0)	Monthly salary
HireDate	Date	—	Null	Date of hiring
ShiftName	Varchar	20	Not Null	Shift name (Morning, Evening , Night)
StartTime	Time	—	Not Null	Shift start time
EndTime	Time	—	Not Null	Shift end time

DDL

```
CREATE TABLE Guest (
    G_ID INT IDENTITY(1,1) PRIMARY KEY,
    F_name VARCHAR(20) NOT NULL,
    L_name VARCHAR(20) NOT NULL,
    SSD VARCHAR(14) NOT NULL UNIQUE CHECK (LEN(SSD) = 14 AND SSD LIKE '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]'),
    Email VARCHAR(50),
    Age INT CHECK (Age >= 16)
);

CREATE TABLE GuestPhones (
    Phone VARCHAR(20) NOT NULL,
    G_ID INT NOT NULL,
    PRIMARY KEY (Phone, G_ID),
    FOREIGN KEY (G_ID) REFERENCES Guest(G_ID)
);

CREATE TABLE RoomType (
    RoomType_ID INT IDENTITY(1,1) PRIMARY KEY,
    Type_NameR VARCHAR(30) NOT NULL,
    PricePerNight DECIMAL(10,2) NOT NULL CHECK (PricePerNight > 0)
);

CREATE TABLE Staff_Shift (
    StaffShift_ID INT IDENTITY(1,1) PRIMARY KEY,
    F_name VARCHAR(20) NOT NULL,
    L_name VARCHAR(20) NOT NULL,
    Role VARCHAR(20)
        CHECK (Role IN ('Cleaner', 'Reception', 'Manager')),
    Phone VARCHAR(20) CHECK (Phone LIKE '01%'),
    Email VARCHAR(50),
    Salary INT CHECK (Salary > 0) NOT NULL,
    HireDate DATE,
    ShiftName VARCHAR(20) NOT NULL
        CHECK (ShiftName IN ('Morning', 'Evening', 'Night')),
    StartTime TIME NOT NULL,
    EndTime TIME NOT NULL
);

CREATE TABLE Room (
    R_ID INT IDENTITY(1,1) PRIMARY KEY,
    Number INT NOT NULL CHECK (Number > 0),
    Floor_Hotel INT NOT NULL CHECK (Floor_Hotel >= 0),
    Status VARCHAR(20)
        CHECK (Status IN ('Available', 'Occupied', 'Cleaning')),
    RoomType_ID INT NOT NULL,
    Staff_ID_FK INT NOT NULL,
    FOREIGN KEY (RoomType_ID) REFERENCES RoomType(RoomType_ID),
    FOREIGN KEY (Staff_ID_FK) REFERENCES Staff_Shift(StaffShift_ID)
);
```

```

CREATE TABLE Booking (
    B_ID INT IDENTITY(1,1) PRIMARY KEY,
    G_ID INT NOT NULL,
    R_ID INT NOT NULL,
    Check_In_Date DATE NOT NULL,
    Check_Out_Date DATE NOT NULL,
    Booking_Date DATE NOT NULL,
    Meal_Plan VARCHAR(20)
        CHECK (Meal_Plan IN ('Breakfast','Half Board','Full Board','None')),
    Status VARCHAR(20)
        CHECK (Status IN ('Confirmed','Checked-in','Completed','Upcoming')),
    FOREIGN KEY (G_ID) REFERENCES Guest(G_ID),
    FOREIGN KEY (R_ID) REFERENCES Room(R_ID),
    CHECK (Check_In_Date < Check_Out_Date),
    CHECK (Booking_Date <= Check_In_Date)
);

CREATE TABLE Payment (
    Pay_ID INT IDENTITY(1,1) PRIMARY KEY,
    B_ID INT NOT NULL,
    Amount DECIMAL(10,2) NOT NULL CHECK (Amount > 0),
    Payment_Date DATE,
    Payment_Method VARCHAR(20)
        CHECK (Payment_Method IN ('Cash','Credit Card','Online')),
    FOREIGN KEY (B_ID) REFERENCES Booking(B_ID)
);

```

DML

```

-- Guests
INSERT INTO Guest (F_name, L_name, SSD, Email, Age) VALUES
('Ahmed', 'Ali', '1000000000001', 'ahmed.ali@example.com', 30),
('Mona', 'Hassan', '1000000000002', 'mona.hassan@example.com', 25),
('Omar', 'Fathy', '1000000000003', 'omar.fathy@example.com', 40),
('Sara', 'Ibrahim', '1000000000004', 'sara.ibrahim@example.com', 28),
('Youssef', 'Nabil', '1000000000005', 'youssef.nabil@example.com', 35),
('Nour', 'Yasser', '1000000000006', 'nour.yasser@example.com', 22),
('Hana', 'Mostafa', '1000000000007', 'hana.mostafa@example.com', 31),
('Karim', 'Mahmoud', '1000000000008', 'karim.mahmoud@example.com', 27),
('Lina', 'Adel', '1000000000009', 'lina.adel@example.com', 29),
('Tamer', 'Khaled', '1000000000010', 'tamer.khaled@example.com', 26),
('Dalia', 'Salah', '1000000000011', 'dalia.salah@example.com', 34),
('Ibrahim', 'Mostafa', '1000000000012', 'ibrahim.mostafa@example.com', 45),
('Rana', 'Fouad', '1000000000013', 'rana.fouad@example.com', 23),
('Mahmoud', 'Yousef', '1000000000014', 'mahmoud.yousef@example.com', 38),
('Farah', 'Nader', '1000000000015', 'farah.nader@example.com', 21);

-- Guest Phones
INSERT INTO GuestPhones (Phone, G_ID) VALUES
('0101000001', 1),
('0101000002', 1),
('0102000001', 2),
('0103000001', 3),
('0103000002', 3),
('0104000001', 4),
('0105000001', 5),
('0106000001', 6),
('0107000001', 7),
('0108000001', 8),
('0109000001', 9),
('0110000001', 10),
('0111000001', 11),
('0112000001', 12),
('0113000001', 13);

```

```

-- Room Types
INSERT INTO RoomType (Type_NameR, PricePerNight) VALUES
('Single', 450.00),
('Double', 650.00),
('Suite', 1200.00),
('Single', 950.00),
('Single', 1400.00),
('Double', 1300.00),
('Suite', 1600.00),
('Single', 800.00),
('Suite', 3500.00),
('Double', 700.00),
('Single', 350.00),
('Suite', 1800.00),
('Single', 750.00),
('Double', 850.00),
('Double', 5000.00);

-- Staff Shifts
INSERT INTO Staff_Shift (F_name, L_name, Role, Phone, Email, Salary, HireDate, ShiftName, StartTime, EndTime) VALUES
('Ali', 'Hussein', 'Cleaner', '01011110001', 'ali.h@hotel.com', 4500, '2021-01-10', 'Morning', '08:00:00', '16:00:00'),
('Maha', 'Kamal', 'Reception', '01011110002', 'maha.k@hotel.com', 6200, '2021-02-15', 'Night', '16:00:00', '00:00:00'),
('Omar', 'Said', 'Manager', '01011110003', 'omar.s@hotel.com', 12000, '2020-05-10', 'Morning', '08:00:00', '16:00:00'),
('Dina', 'Mostafa', 'Reception', '01011110004', 'dina.m@hotel.com', 6800, '2022-03-10', 'Evening', '12:00:00', '20:00:00'),
('Tarek', 'Ali', 'Cleaner', '01011110005', 'tarek.a@hotel.com', 4700, '2023-04-12', 'Night', '16:00:00', '00:00:00'),
('Salma', 'Fouad', 'Reception', '01011110006', 'salma.f@hotel.com', 7000, '2022-11-01', 'Morning', '08:00:00', '16:00:00'),
('Yara', 'Sami', 'Manager', '01011110007', 'yara.s@hotel.com', 11500, '2019-07-20', 'Evening', '12:00:00', '20:00:00'),
('Muslafa', 'Nagy', 'Cleaner', '01011110008', 'muslafa.n@hotel.com', 4400, '2021-09-09', 'Morning', '08:00:00', '16:00:00'),
('Hana', 'Fathi', 'Reception', '01011110009', 'hana.f@hotel.com', 6500, '2020-04-04', 'Night', '16:00:00', '00:00:00'),
('Ramy', 'Gamal', 'Manager', '01011110010', 'ramy.g@hotel.com', 9300, '2018-12-12', 'Evening', '12:00:00', '20:00:00'),
('Mona', 'Zaki', 'Reception', '01011110011', 'mona.z@hotel.com', 6700, '2021-06-01', 'Morning', '08:00:00', '16:00:00'),
('Ihab', 'Adel', 'Cleaner', '01011110012', 'ihab.a@hotel.com', 4200, '2023-01-20', 'Night', '16:00:00', '00:00:00'),
('Salem', 'Yassin', 'Manager', '01011110013', 'salem.y@hotel.com', 11800, '2017-08-15', 'Morning', '08:00:00', '16:00:00'),
('Rania', 'Khaled', 'Reception', '01011110014', 'rania.k@hotel.com', 6600, '2020-10-10', 'Evening', '12:00:00', '20:00:00'),
('Ziad', 'Hussein', 'Cleaner', '01011110015', 'ziad.h@hotel.com', 4300, '2022-02-05', 'Morning', '08:00:00', '16:00:00');

```

```

-- Rooms
INSERT INTO Room (Number, Floor_Hotel, Status, RoomType_ID, Staff_ID_FK) VALUES
(101, 1, 'Available', 1, 1),
(102, 1, 'Occupied', 2, 2),
(103, 1, 'Available', 3, 3),
(104, 1, 'Cleaning', 4, 4),
(201, 2, 'Occupied', 5, 5),
(202, 2, 'Available', 6, 6),
(203, 2, 'Available', 7, 7),
(204, 2, 'Occupied', 8, 8),
(301, 3, 'Available', 9, 9),
(302, 3, 'Occupied', 10, 10),
(303, 3, 'Available', 11, 11),
(304, 3, 'Cleaning', 12, 12),
(401, 4, 'Occupied', 13, 13),
(402, 4, 'Available', 14, 14),
(403, 4, 'Available', 15, 15);

-- Bookings
INSERT INTO Booking (G_ID, R_ID, Check_In_Date, Check_Out_Date, Booking_Date, Meal_Plan, Status) VALUES
(1, 1, '2025-01-05', '2025-01-10', '2024-12-30', 'Breakfast', 'Confirmed'),
(2, 2, '2025-01-04', '2025-01-07', '2024-12-29', 'Half Board', 'Checked-in'),
(3, 3, '2025-01-08', '2025-01-12', '2024-12-28', 'Full Board', 'Confirmed'),
(4, 4, '2025-01-02', '2025-01-05', '2024-12-27', 'Breakfast', 'Completed'),
(5, 5, '2025-01-06', '2025-01-09', '2024-12-26', 'None', 'Confirmed'),
(6, 6, '2025-01-03', '2025-01-06', '2024-12-25', 'Half Board', 'Confirmed'),
(7, 7, '2025-01-11', '2025-01-15', '2024-12-24', 'Breakfast', 'Upcoming'),
(8, 8, '2025-01-09', '2025-01-13', '2024-12-23', 'None', 'Confirmed'),
(9, 9, '2025-01-04', '2025-01-08', '2024-12-22', 'Full Board', 'Checked-in'),
(10, 10, '2025-01-01', '2025-01-04', '2024-12-21', 'Breakfast', 'Completed'),
(11, 11, '2025-02-01', '2025-02-05', '2025-01-15', 'Breakfast', 'Confirmed'),
(12, 12, '2025-02-10', '2025-02-12', '2025-01-20', 'None', 'Upcoming'),
(13, 13, '2025-03-05', '2025-03-10', '2025-02-15', 'Full Board', 'Confirmed'),
(14, 14, '2025-03-12', '2025-03-15', '2025-02-20', 'Half Board', 'Confirmed'),
(15, 15, '2025-04-01', '2025-04-06', '2025-03-10', 'Breakfast', 'Upcoming');

```

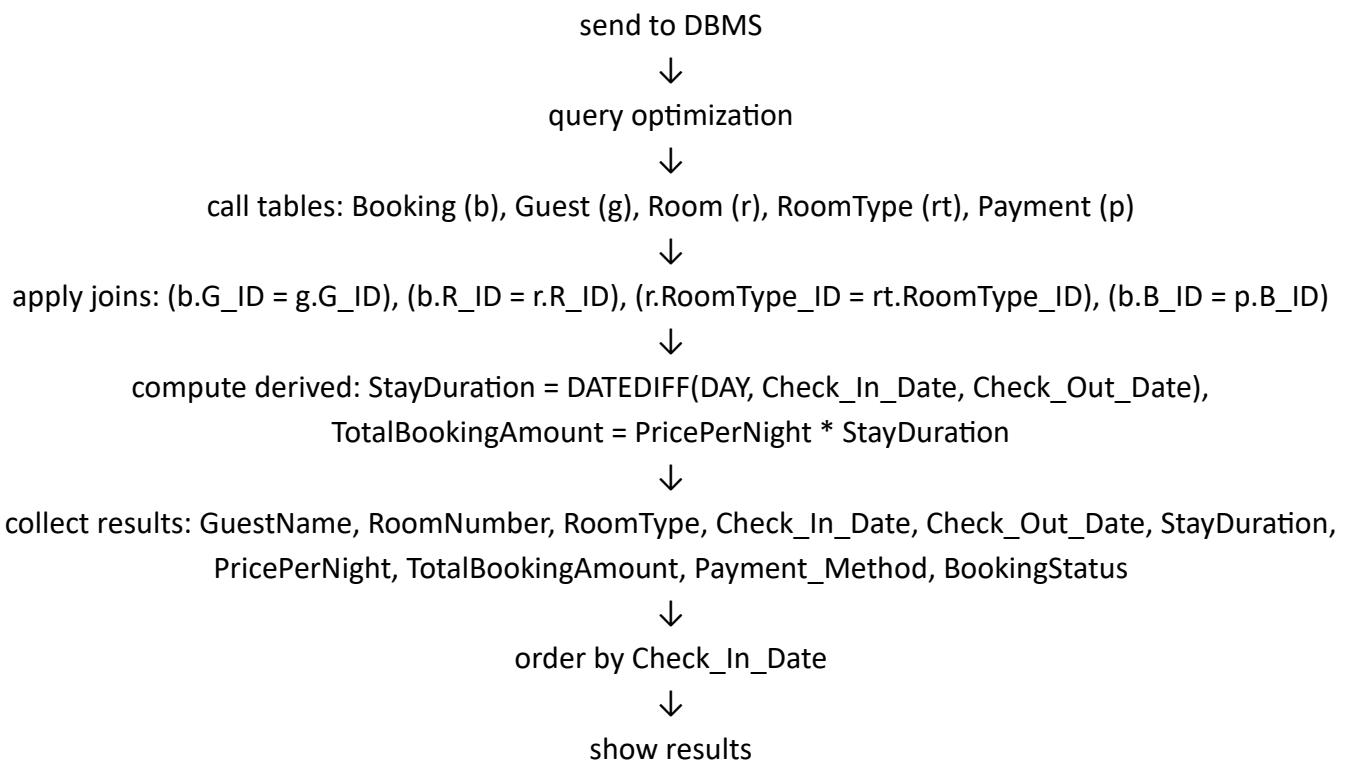
```
-- Payments
```

```
INSERT INTO Payment (B_ID, Amount, Payment_Date, Payment_Method) VALUES  
(1, 2250.00, '2025-01-05', 'Credit Card'),  
(2, 1950.00, '2025-01-04', 'Cash'),  
(3, 4800.00, '2025-01-08', 'Credit Card'),  
(4, 1200.00, '2025-01-02', 'Cash'),  
(5, 1600.00, '2025-01-06', 'Online'),  
(6, 2100.00, '2025-01-03', 'Credit Card'),  
(7, 4000.00, '2025-01-11', 'Cash'),  
(8, 2400.00, '2025-01-09', 'Credit Card'),  
(9, 3150.00, '2025-01-04', 'Cash'),  
(10, 1000.00, '2025-01-01', 'Credit Card'),  
(11, 2200.00, '2025-02-01', 'Online'),  
(12, 1500.00, '2025-01-25', 'Online'),  
(13, 7200.00, '2025-03-06', 'Credit Card'),  
(14, 2700.00, '2025-03-13', 'Cash'),  
(15, 4500.00, '2025-04-02', 'Online');
```

Queries & Pathway Transaction

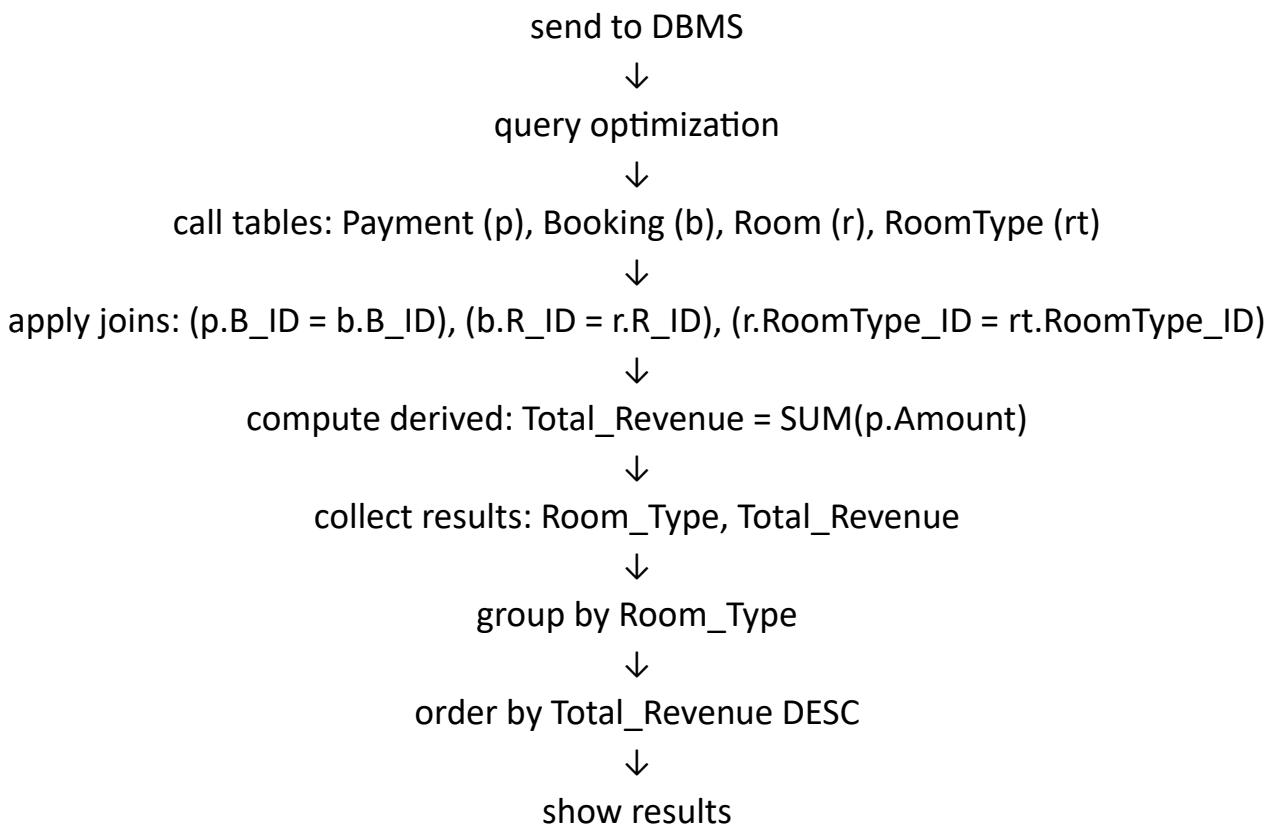
Query 1: Full Booking Details Report

```
SELECT g.F_name + ' ' + g.L_name AS GuestName, r.Number AS RoomNumber,  
       rt.Type_NameR AS RoomType, b.Check_In_Date, b.Check_Out_Date,  
       DATEDIFF(DAY, b.Check_In_Date, b.Check_Out_Date) AS StayDuration,  
       rt.PricePerNight,  
       rt.PricePerNight * DATEDIFF(DAY, b.Check_In_Date, b.Check_Out_Date) AS TotalBookingAmount,  
       p.Payment_Method, b.Status AS BookingStatus  
  
FROM Booking b  
  
JOIN Guest g ON b.G_ID = g.G_ID  
  
JOIN Room r ON b.R_ID = r.R_ID  
  
JOIN RoomType rt ON r.RoomType_ID = rt.RoomType_ID  
  
LEFT JOIN Payment p ON b.B_ID = p.B_ID  
  
ORDER BY b.Check_In_Date;
```



Query 2: Total Revenue per Room Type

```
SELECT rt.Type_NameR AS Room_Type, SUM(p.Amount) AS Total_Revenue
FROM Payment p
JOIN Booking b ON p.B_ID = b.B_ID
JOIN Room r ON b.R_ID = r.R_ID
JOIN RoomType rt ON r.RoomType_ID = rt.RoomType_ID
GROUP BY rt.Type_NameR
ORDER BY Total_Revenue DESC;
```



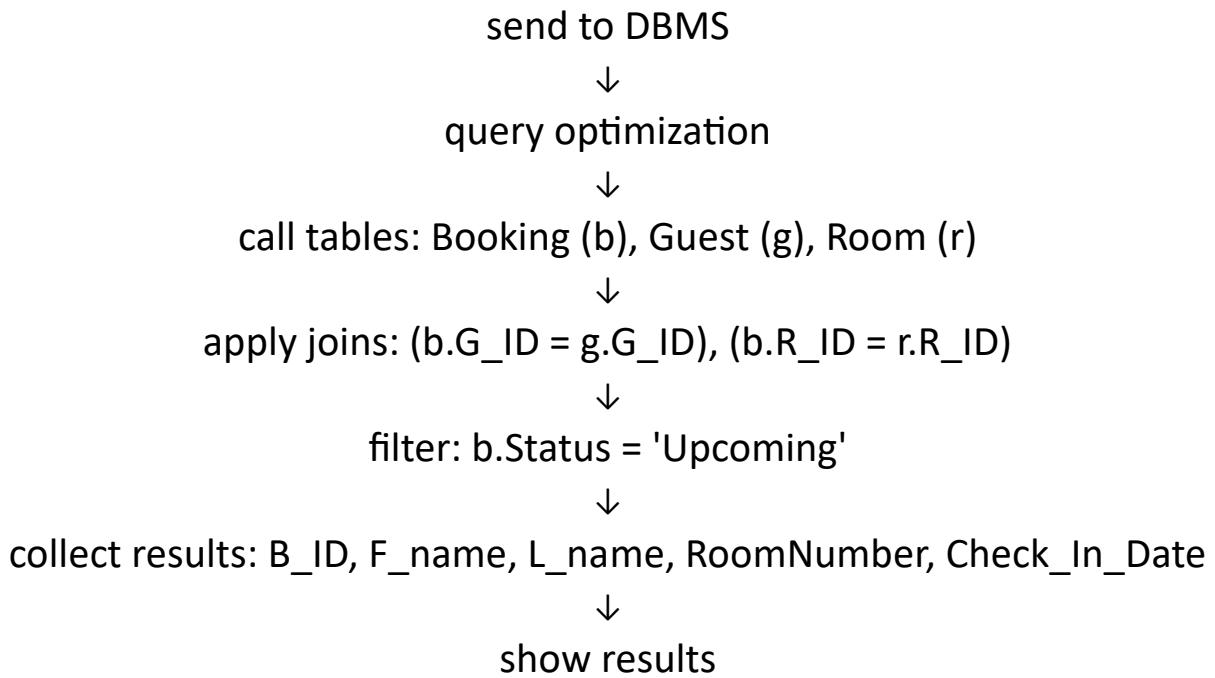
Query 3: Average Stay Duration per Room Type

```
SELECT rt.Type_NameR AS Room_Type,  
AVG(DATEDIFF(DAY, b.Check_In_Date, b.Check_Out_Date)) AS Avg_Stay_Nights  
FROM Booking b  
JOIN Room r ON b.R_ID = r.R_ID  
JOIN RoomType rt ON r.RoomType_ID = rt.RoomType_ID  
GROUP BY rt.Type_NameR  
ORDER BY Avg_Stay_Nights DESC;
```



Query 4: Upcoming Bookings List

```
SELECT b.B_ID, g.F_name, g.L_name, r.Number AS RoomNumber,
b.Check_In_Date
FROM Booking b
JOIN Guest g ON b.G_ID = g.G_ID
JOIN Room r ON b.R_ID = r.R_ID
WHERE b.Status = 'Upcoming';
```



Query 5: Top 5 Guests by Total Payments

SELECT TOP 5

g.F_name + ' ' + g.L_name AS GuestName,

SUM(p.Amount) AS TotalPaid

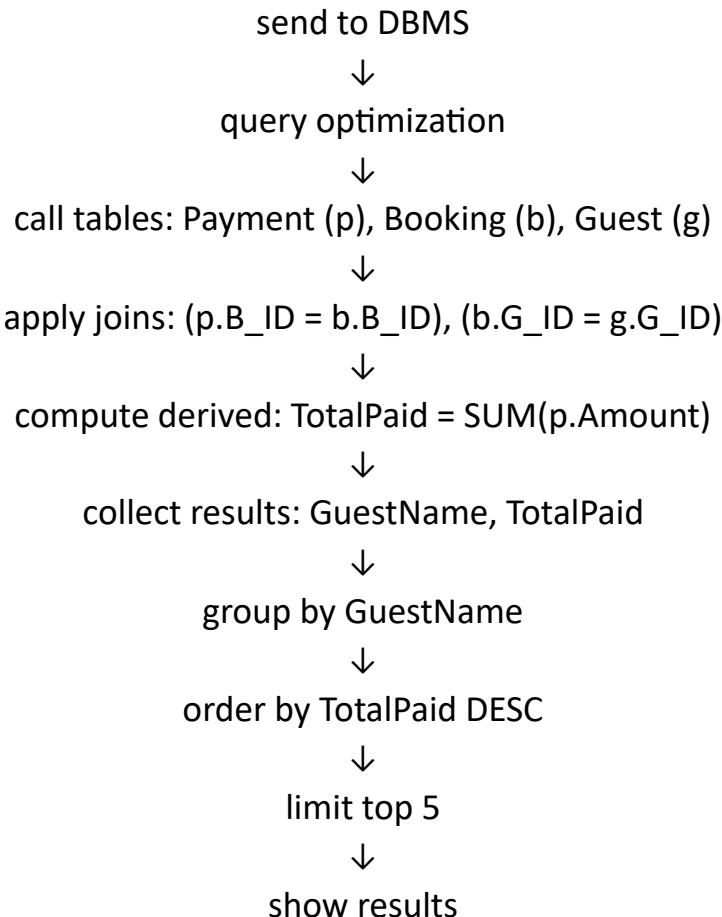
FROM Payment p

JOIN Booking b ON p.B_ID = b.B_ID

JOIN Guest g ON b.G_ID = g.G_ID

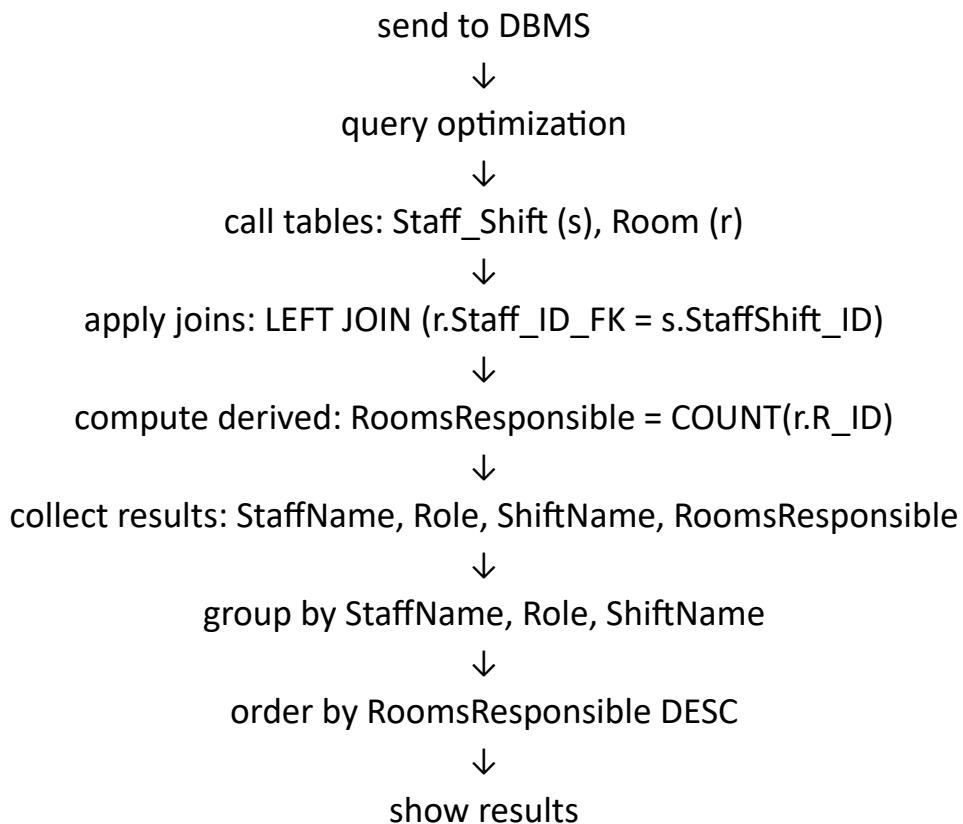
GROUP BY g.F_name, g.L_name

ORDER BY TotalPaid DESC;



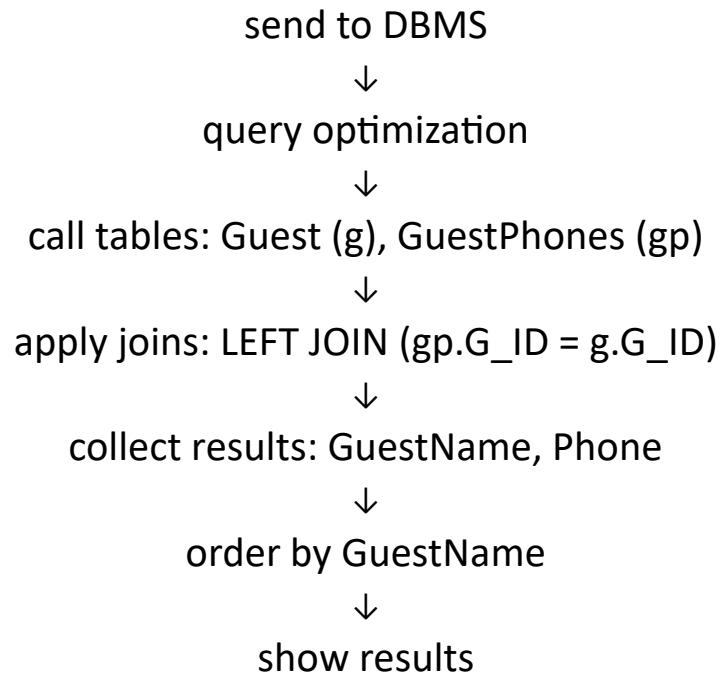
Query 6: Staff Responsibilities Report

```
SELECT s.F_name + ' ' + s.L_name AS StaffName, s.Role, s.ShiftName,  
COUNT(r.R_ID) AS RoomsResponsible  
  
FROM Staff_Shift s  
  
LEFT JOIN Room r ON r.Staff_ID_FK = s.StaffShift_ID  
  
GROUP BY s.F_name, s.L_name, s.Role, s.ShiftName  
  
ORDER BY RoomsResponsible DESC;
```



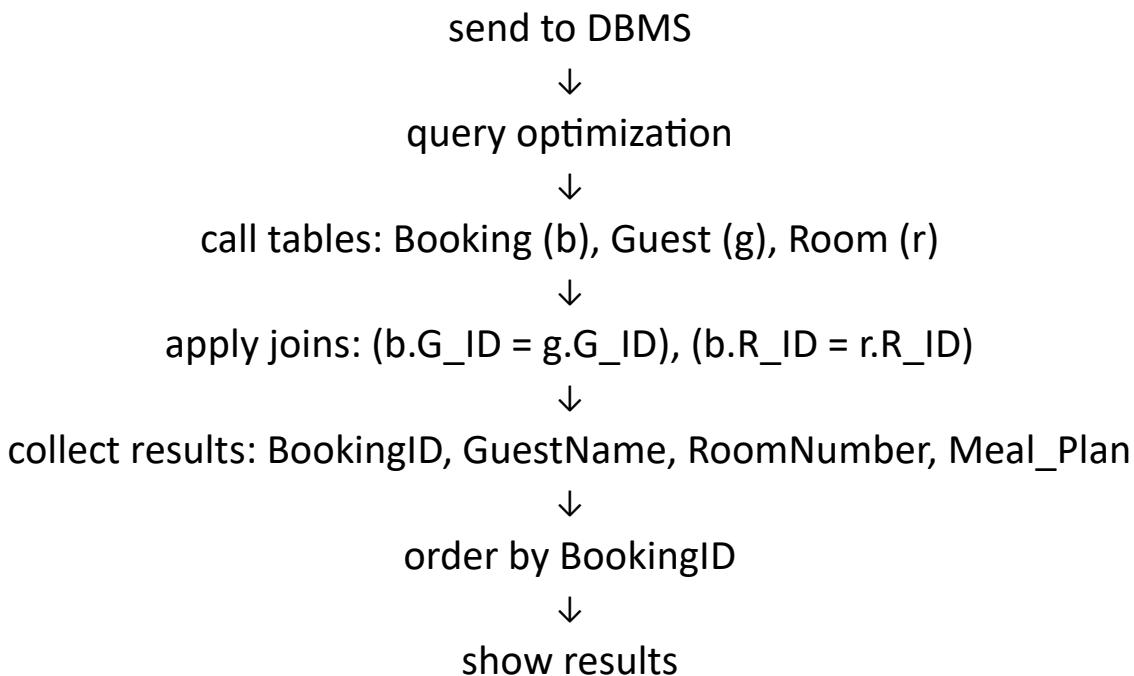
Query 7: Guest Phone Directory

```
SELECT g.F_name + ' ' + g.L_name AS GuestName, gp.Phone  
FROM Guest g  
LEFT JOIN GuestPhones gp ON g.G_ID = gp.G_ID  
ORDER BY g.F_name, g.L_name;
```



Query 8: Booking Meal Plan Summary

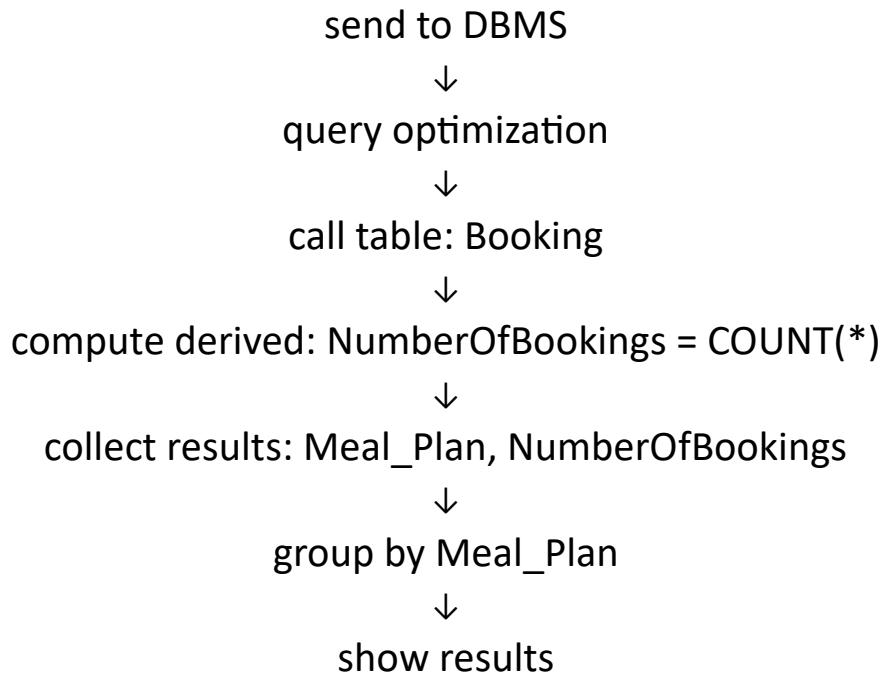
```
SELECT b.B_ID AS BookingID, g.F_name + ' ' + g.L_name AS GuestName, r.Number  
AS RoomNumber, b.Meal_Plan  
  
FROM Booking b  
  
JOIN Guest g ON b.G_ID = g.G_ID  
  
JOIN Room r ON b.R_ID = r.R_ID  
  
ORDER BY b.B_ID;
```



Query 9: Booking Count per Meal Plan

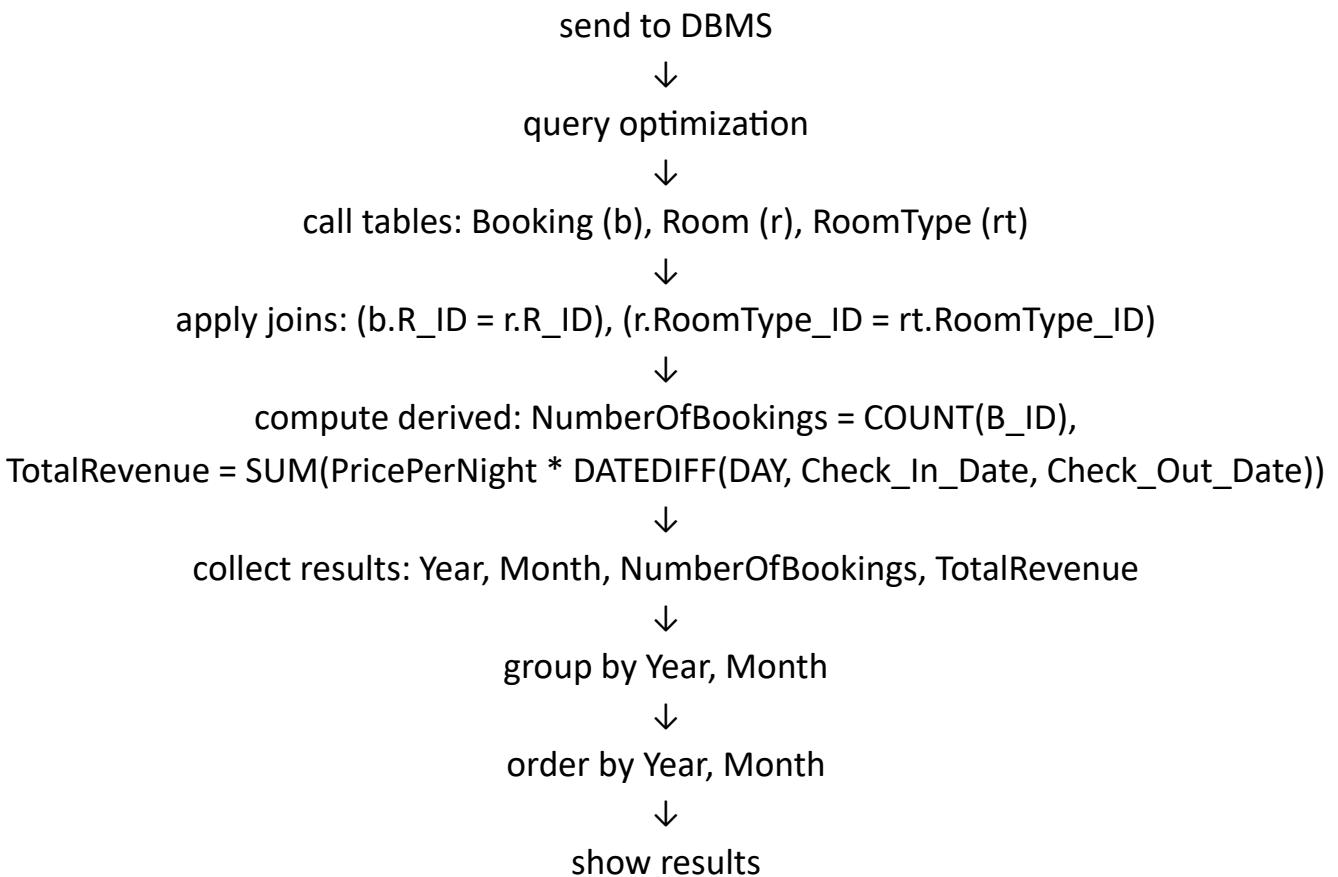
SELECT

```
Meal_Plan,  
COUNT(*) AS NumberOfBookings  
FROM Booking  
GROUP BY Meal_Plan;
```



Query 10: Monthly Bookings and Revenue Analysis

```
SELECT YEAR(b.Check_In_Date) AS Year, MONTH(b.Check_In_Date) AS Month,  
       COUNT(b.B_ID) AS NumberOfBookings,  
       SUM(rt.PricePerNight * DATEDIFF(DAY, b.Check_In_Date, b.Check_Out_Date)) AS  
TotalRevenue  
FROM Booking b  
JOIN Room r ON b.R_ID = r.R_ID  
JOIN RoomType rt ON r.RoomType_ID = rt.RoomType_ID  
GROUP BY YEAR(b.Check_In_Date), MONTH(b.Check_In_Date)  
ORDER BY Year, Month;
```



GUI

 Hotel Management

Dashboard Guests Bookings Rooms Reports

⌚ Dashboard

Today: 2025-12-08

 15 Total Guests

 5 Available Rooms

 19 Total Bookings

 \$53550.00 Total Revenue

🌐 Room Status Summary

Available 5 rooms Cleaning 2 rooms Occupied 9 rooms

📅 Upcoming Check-ins

Guest Name	Room	Check-in Date	Room Type

🕒 Recent Bookings

Guest Name	Room	Booking Date	Status
Ibrahim Mostafa	301	2025-12-08	Checked-in
Tamer Khaled	203	2025-12-07	Checked-in
Youssef Nabil	103	2025-12-06	Checked-in
Mona Hassan	303	2025-12-06	Checked-in
Farah Nader	403	2025-03-10	Upcoming

✍ Quick Actions

 Add New Guest  Create Booking  Manage Rooms  Generate Report

Hotel Management System © 2024 | Database: Hotels_db

Booking Management

[+ New Booking](#)

All Status



7

Confirmed



7

Checked-in



2

Completed



3

Upcoming

All Bookings

Booking ID	Guest Name	Room	Room Type	Check-in	Check-out	Duration	Meal Plan	Amount	Status	Actions
#19	Mona Hassan	303	Single	2025-12-31	2026-01-08	8 nights	Breakfast	\$2800.00 Cash	Checked-in	
#18	Youssef Nabil	103	Suite	2025-12-24	2025-12-25	1 nights	Half Board	\$1200.00 Cash	Checked-in	
#21	Ibrahim Mostafa	301	Suite	2025-12-16	2025-12-18	2 nights	None	\$7000.00 Cash	Checked-in	
#20	Tamer Khaled	203	Suite	2025-12-08	2025-12-22	14 nights	Breakfast	No payment	Checked-in	
#15	Farah Nader	403	Double	2025-04-01	2025-04-06	5 nights	Breakfast	\$4500.00 Online	Upcoming	
#14	Mahmoud Yousef	402	Double	2025-03-12	2025-03-15	3 nights	Half Board	\$2700.00 Cash	Confirmed	
#13	Rana Fouad	401	Single	2025-03-05	2025-03-10	5 nights	Full Board	\$7200.00 Credit Card	Confirmed	
#12	Ibrahim Mostafa	304	Suite	2025-02-10	2025-02-12	2 nights	None	\$1500.00 Online	Upcoming	
#11	Dalia Salah	303	Single	2025-02-01	2025-02-05	4 nights	Breakfast	\$2200.00 Online	Checked-in	
#7	Hana Mostafa	203	Suite	2025-01-11	2025-01-15	4 nights	Breakfast	\$4000.00 Cash	Upcoming	

Room Management

[+ Add Room](#)

All



5

Available



9

Occupied



2

Cleaning



16

Total Rooms

Floor Overview

Floor 1

Room 101

Available

Single

\$450.00/night

Ali Hussein (Cleaner)

Available

Room 102

Occupied

Double

\$650.00/night

Maha Kamal (Reception)

Occupied

Room 103

Occupied

Suite

\$1200.00/night

Omar Said (Manager)

Occupied

Room 104

Cleaning

Single

\$950.00/night

Dina Mostafa (Reception)

Cleaning

Floor 2

Room 201

Occupied

Single

\$1400.00/night

Tarek Ali (Cleaner)

Occupied

Room 202

Available

Double

\$1300.00/night

Salma Fouad (Reception)

Available

Room 203

Occupied

Suite

\$1600.00/night

Yara Sami (Manager)

Occupied

Room 204

Occupied

Single

\$800.00/night

Mostafa Nagy (Cleaner)

Occupied

Reports & Analytics

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Revenue Summary

Total Revenue

\$53550.00

All Time

Average Booking Value

\$2818.42

Per Booking

Top Performing

Suite

Room Type

Revenue by Room Type

Room Type	Total Revenue	Percentage	Progress
Suite	\$21650.00	40.4%	<div style="width: 40.4%; background-color: #007bff;"></div>
Single	\$19650.00	36.7%	<div style="width: 36.7%; background-color: #007bff;"></div>
Double	\$12250.00	22.9%	<div style="width: 22.9%; background-color: #007bff;"></div>

Monthly Performance

Year	Month	Bookings	Revenue	Avg Revenue/Booking
2025	December	4	\$33400.00	\$8350.00
2025	April	1	\$25000.00	\$25000.00
2025	March	2	\$6300.00	\$3150.00
2025	February	2	\$5000.00	\$2500.00
2025	January	10	\$45650.00	\$4565.00

Top Guests by Revenue

Insights

- Top Performing Room Type**
Suite generated \$21650.00 in revenue
- Best Performing Month**
1/2025 had \$45650.00 in revenue
- Most Valuable Guest**
Ibrahim Mostafa spent \$8500.00 across 2 bookings

Report Information

- Data Source**
Hotel Management Database
- Last Updated**
2025-12-08 00:08:34
- Report Coverage**
Complete historical data