

Project Schema:

1. User:

- user_id (primary key)
- username
- email
- phone_number
- password
- user_type (Guest type/Staff type)
- is_enable (Enabled means the user can give feedback)

2. Guest:

- guest_id (primary key)
- user_id (foreign key referencing User)
- full_name
- NID_number
- phone_number
- guest_type (Regular/Premium)

3. Staff:

- staff_id (primary key)
- user_id (foreign key referencing User)
- full_name
- email
- phone_number
- NID_number
- staff_type

4. Room:

- room_id (primary key)
- room_number
- capacity
- room_type
- availability
- price_per_day

5. Reservation:

- reservation_id (primary key)
- guest_id (foreign key referencing Guest)
- room_id (foreign key referencing Room)
- start_datetime
- end_datetime

6. Service:

- service_id (primary key)
- guest_id (foreign key referencing Guest)
- service_type (spa/party hall/meeting room/dining)
- no_of_guests
- price
- reservation_id (foreign key referencing Reservation)

7. Event:

- event_id (primary key)
- event_name
- event_date
- event_details
- ticket_price

8. Bill:

- bill_id (primary key)
- guest_id (foreign key referencing Guest)
- amount
- billing_date

9. Salary:

- salary_id (primary key)
- staff_id (foreign key referencing Staff)
- amount
- is_transferred
- salary_date

10. Feedback:

- feedback_id
- user_id (foreign key referencing user)
- feedback
- datetime

11. Revenue:

- revenue_id
- month
- total_revenue (derived from bills)
- total_spending_salary (derived from salary)
- maintenance_cost