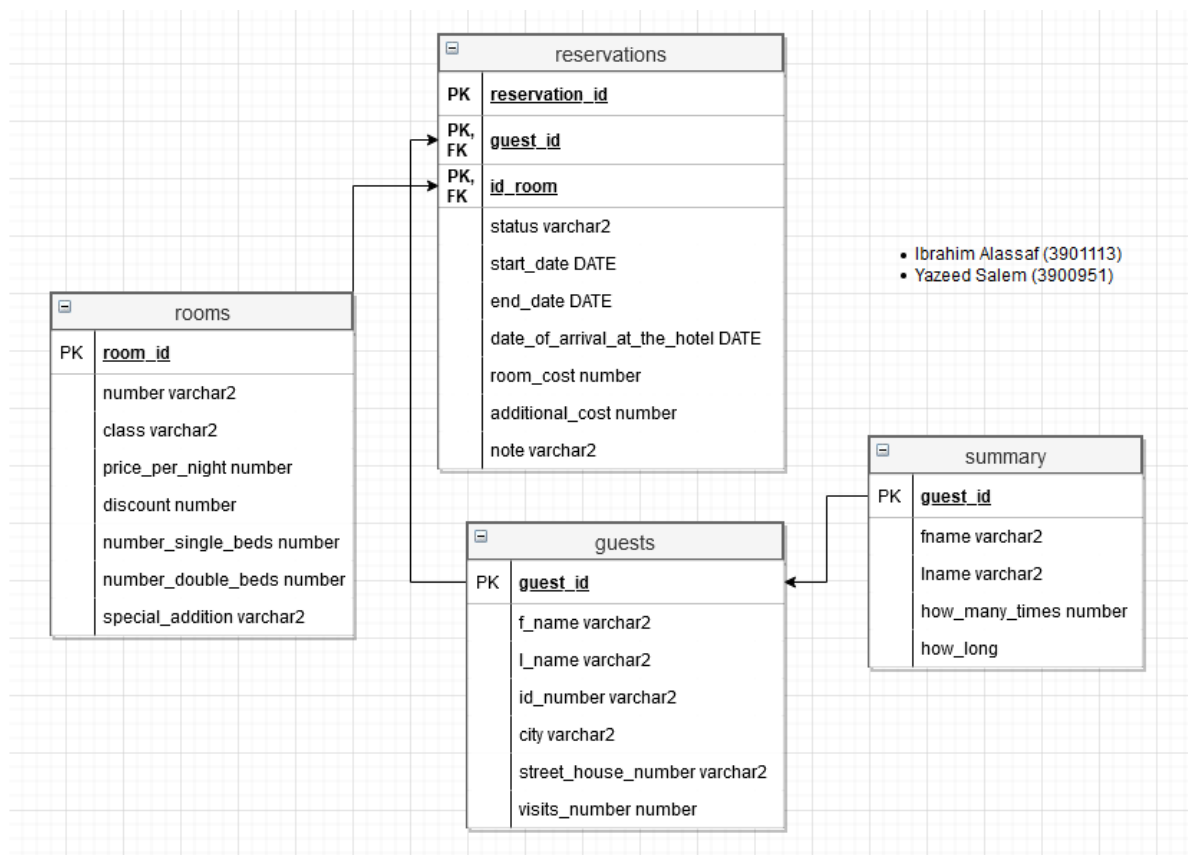


TAYSIR HOTEL



Simple documntation will give you a brief about the project

1. add_guest

```
CREATE OR REPLACE PROCEDURE add_guest (guest_id number, fname
varchar2, lname varchar2, id_number varchar2, city
varchar2, street_house_number varchar2)
```

Parameters:

guest_id number,
fname varchar2,
lname varchar2,
id_number varchar2,
city varchar2,
ulica_nr_domu varchar2

The procedure used to add a new guest to the database.

2. write_free_rooms

```
CREATE OR REPLACE PROCEDURE write_free_rooms (d1 DATE, d2 DATE)
```

Parameters:

d1 DATE,
d2 DATE

Procedure for listing empty rooms between dates d\ and dY.

3. find_guest_by_id

```
CREATE OR REPLACE FUNCTION find_guest_by_id(fid_number  
varchar2)
```

Parameters:

fid_number **varchar2**

A function to find the guest by ID number returning the guest id.

4. add_reservations

```
CREATE OR REPLACE PROCEDURE add_reservations(fid_number  
varchar2, id_room number, status varchar2, start_date  
DATE, end_date DATE, note varchar2)
```

Parameters:

add_reservations **varchar2**,
fid_number **number**,
status **varchar2**,
start_date **DATE**,
end_date **DATE**,
note **varchar2**

The procedure used to add reservations to the database.

hotel_request

```
CREATE OR REPLACE PROCEDURE
hotel_request(fid_number varchar2,
arrival_date date)
```

Parameters:

fid_number varchar2,
arrival_date date

Procedure for entering the date of the guest arrival at the hotel.

6. cancel_reservations

```
CREATE OR REPLACE PROCEDURE cancel_reservations(id_number
varchar2)
```

Parameters:

id_number varchar2

Procedure for deleting reservations from the database.

7. diff_date

```
CREATE OR REPLACE FUNCTION diff_date(guest_id\ number)
```

Parameters:

guest_id\ number

This function returns the number of days the guest stayed at the hotel.

8. bill

```
CREATE OR REPLACE PROCEDURE bill(fid_number varchar2,
fadditional_cost number)
```

Parameters:

fid_number varchar2,
fadditional_cost number

Procedure for calculating the invoice for the guest.

9. late_person

CREATE OR REPLACE PROCEDURE late_person

Procedure for returning all persons who have made reservations and have not yet come to the hotel.

10. staying_at_hotel ما يشتغل للآن

CREATE OR REPLACE PROCEDURE staying_at_hotel

Procedure for inserting data into the Summary table.

11. delete_old_reservations

CREATE OR REPLACE PROCEDURE delete_old_reservations

Procedure removing all reservations older than 0 years.

13. trg_after_insert

CREATE OR REPLACE TRIGGER trg_after_insert

Trigger after insert: if you left the guest id and id number null it will give you message

14. PACKAGE gus_rev

gus_rev.element_name;

Package for adding a guest then check empty rooms then reserve a room

