קוד יצירת ה DB

create database hotel;
use hotel;

CREATE TABLE rooms (
room_id INT AUTO_INCREMENT PRIMARY KEY,
room_type VARCHAR(100) NOT NULL,
room_beds int ,
room_price_perday INT ,
room_status VARCHAR(100) NOT NULL default 'empty'
);

CREATE TABLE location (
room_id INT primary key ,
location_bulding VARCHAR(100) NOT NULL,
location_floor VARCHAR(100) NOT NULL,
 FOREIGN KEY (room_id)
     REFERENCES rooms (room_id)
     ON UPDATE CASCADE ON DELETE CASCADE
);

CREATE TABLE clients (
client_id INT AUTO_INCREMENT PRIMARY KEY ,
client_name VARCHAR(100) NOT NULL,
client_address VARCHAR(100) NOT NULL,
 client_phone VARCHAR(25)

);

CREATE TABLE workers (
worker_id INT AUTO_INCREMENT PRIMARY KEY ,
worker_name VARCHAR(100) NOT NULL,
worker_position VARCHAR(100) NOT NULL,
worker_adress VARCHAR(100)   ,
 worker_phone VARCHAR(25)

);

```sql
CREATE TABLE clean_room (
clean_id INT AUTO_INCREMENT PRIMARY KEY,
worker_id INT   ,
room_id INT ,
start_clean datetime NULL ,
end_clean datetime NULL ,
FOREIGN KEY (room_id)
    REFERENCES rooms (room_id)
    ON UPDATE CASCADE  ,

     FOREIGN KEY (worker_id)
    REFERENCES workers (worker_id)
    ON UPDATE CASCADE


);

CREATE TABLE orders (
order_id INT  AUTO_INCREMENT PRIMARY KEY ,
room_id INT   ,
client_id INT   ,
worker_id      INT     ,
order_checkin DATE  NOT NULL,
order_checkout DATE  NOT NULL,
full_price int ,
 FOREIGN KEY (room_id)
    REFERENCES rooms (room_id)
    ON UPDATE CASCADE  ON DELETE CASCADE  ,

     FOREIGN KEY (client_id)
    REFERENCES clients (client_id)
    ON UPDATE CASCADE    ,

     FOREIGN KEY (worker_id)
    REFERENCES workers (worker_id)
    ON UPDATE CASCADE
);
```