Entity-Relationship Diagram

hotels
- PK **id**
- FK **id_hotel_address**
- hotel_name
- rooms_quantity
- parking
- laundry_service
- lounge_room
- shuttle_service
- check_in_time
- check_out_time
- late_check_out
- notes

rooms
- PK **id**
- FK **id_hotel**
- room_name
- room_floor
- room_basic_price
- room_type
- room_size
- smoking
- pets
- notes

reservations
- PK **id**
- reservation_code
- reservation_date
- reservation_price
- check_in_date
- check_out_date
- adults_number
- children_number
- notes

guests
- PK **id**
- guest_firstname
- guest_lastname
- guest_birth_date
- document_type
- document_number
- guest_address
- guest_mobile
- guest_email
- notes

hotels_addresses
- PK **id**
- FK **id_hotel**
- hotel_street
- hotel_civic_number
- hotel_postal_code
- hotel_city
- hotel_country
- notes

room_comforts
- PK **id**
- comfort_name
- notes

payment_methods
- PK **id**
- method_name
- notes

bathroom_amenities
- PK **id**
- item_name
- notes

payments
- PK **id**
- FK **id_reservation**
- FK **id_payer**
- FK **id_payment_method**
- id_transaction
- payment_date
- status
- total_amount
- notes

payers
- PK **id**
- FK **id_guest**
- payer_firstname
- payer_lastname
- business_name
- social_security_number
- vat_number
- document_type
- document_number
- payer_address
- payer_mobile
- payer_email

Relationships
- hotels (1) — (n) rooms
- hotels (n) — rooms
- hotels (1) — (1) hotels_addresses
- rooms (n) — (n) reservations
- rooms (n) — (n) room_comforts
- rooms (n) — (n) bathroom_amenities
- reservations (n) — (n) guests
- reservations (1) — (n) payments
- guests (1) — (n) payers
- payments (n) — (1) payers
- payments (n) — (1) payment_methods

notes

BRIDGE TABLE 1

hotel_payment
id_hotel
id_payment_method

BRIDGE TABLE 2

room_comfort
id_room
id_comfort

BRIDGE TABLE 3

room_bathroom
id_room
id_bathroom_item

BRIDGE TABLE 4

room_reservation
id_room
id_reservation

BRIDGE TABLE 5

guest_reservation
id_guest
id_reservation