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Database Architecture

Hotel Table

★ id (integer, primary key): Unique identifier for each hotel.
★ name (varchar): Name of the hotel.
★ address (varchar): Address of the hotel.
★ country (varchar): Country where the hotel is located.
★ stars (integer): Rating of the hotel (e.g., number of stars).
★ description (varchar): Description of the hotel.

Room Table

★ id (integer, primary key): Unique identifier for each room.
★ title (varchar): Title or name of the room.
★ hotel_id (integer): Foreign key referencing the hotel table, indicating which hotel the room belongs to.
★ images (varchar): Images of the room.
★ available (bool): Availability status of the room (true if available).
★ description (text): Description of the room.
★ extras (varchar): Additional features or extras for the room.

Booking Table

★ id (integer, primary key): Unique identifier for each booking.
★ first_name (varchar): First name of the person who made the booking.
★ last_name (varchar): Last name of the person who made the booking.
★ email (varchar): Email address of the person who made the booking.
★ breakfast (bool): Indicates if breakfast is included in the booking (true if included).
★ room_id (integer): Foreign key referencing the room table, indicating which room is booked.
★ start_date (timestamp): Start date of the booking.
★ end_date (timestamp): End date of the booking.

hotel

id 🔑	integer
name	varchar
address	varchar
country	varchar
stars	integer
description	varchar

room

id 🔑	integer
title	varchar
hotel_id	integer
images	varchar
available	bool
description	text
extras	varchar

booking

id 🔑	integer
first_name	varchar
last_name	varchar
email	varchar
breakfast	bool
room_id	int
start_date	timestamp
end_date	timestamp