



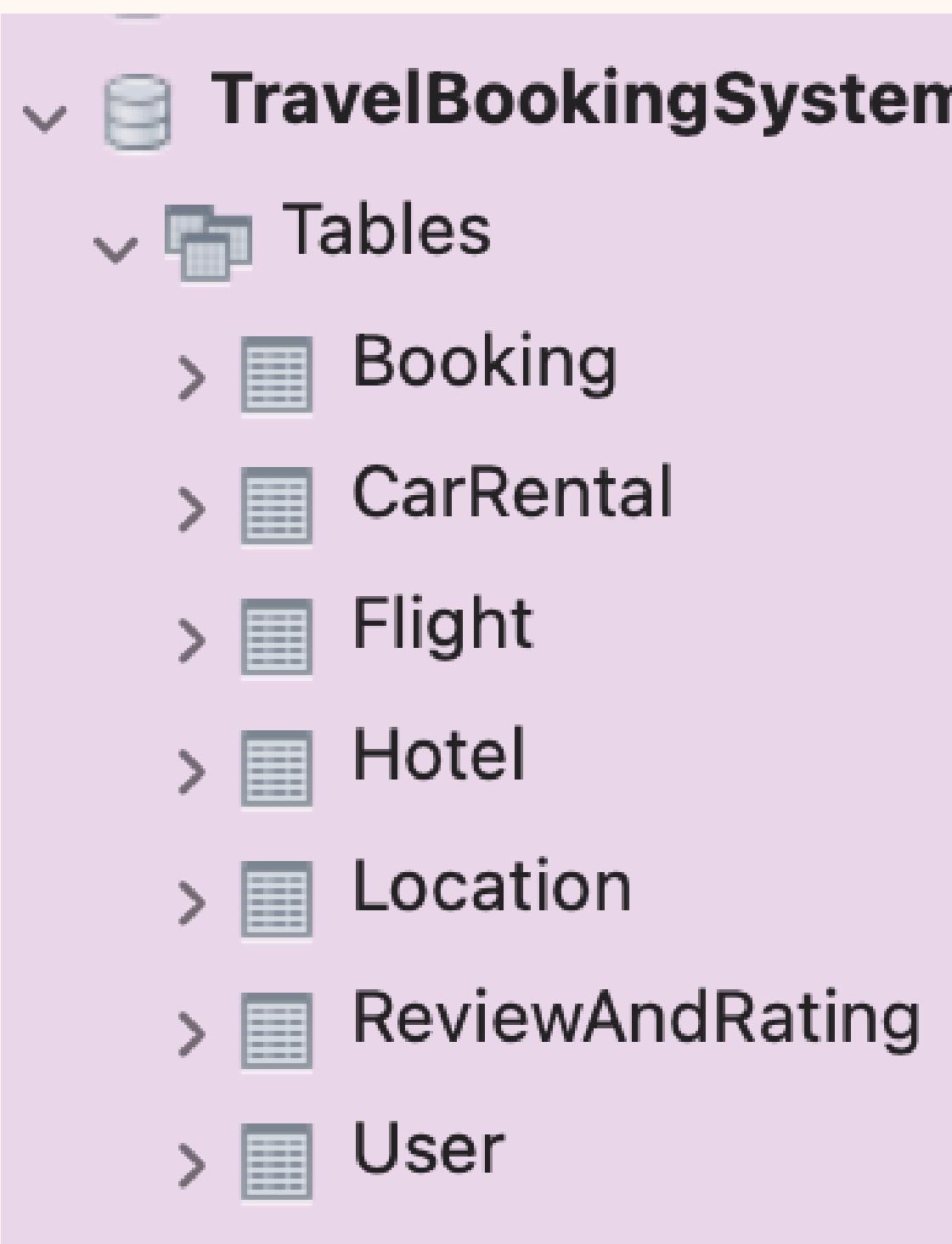
# TRAVEL BOOKING SYSTEM

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## INTRODUCTION

Traveling is an essential part of our lives, and so is the need for efficient and convenient travel planning. My project addresses this need by creating a Travel Booking System. It has been meticulously designed to store, manage, and retrieve essential travel-related information. This database plays a crucial role in the success of our Travel Booking System. Its primary objective is to simplify the complex process of planning and booking trips, making it hassle-free and efficient. This system features flight booking, hotel reservation, and car rental services to streamline the entire travel experience.



To achieve this, I have designed a robust database structure. My database encompasses tables that represent various entities.

The database comprises several key tables:

**Booking:** Managing all booking details.

**Users:** Storing users information.

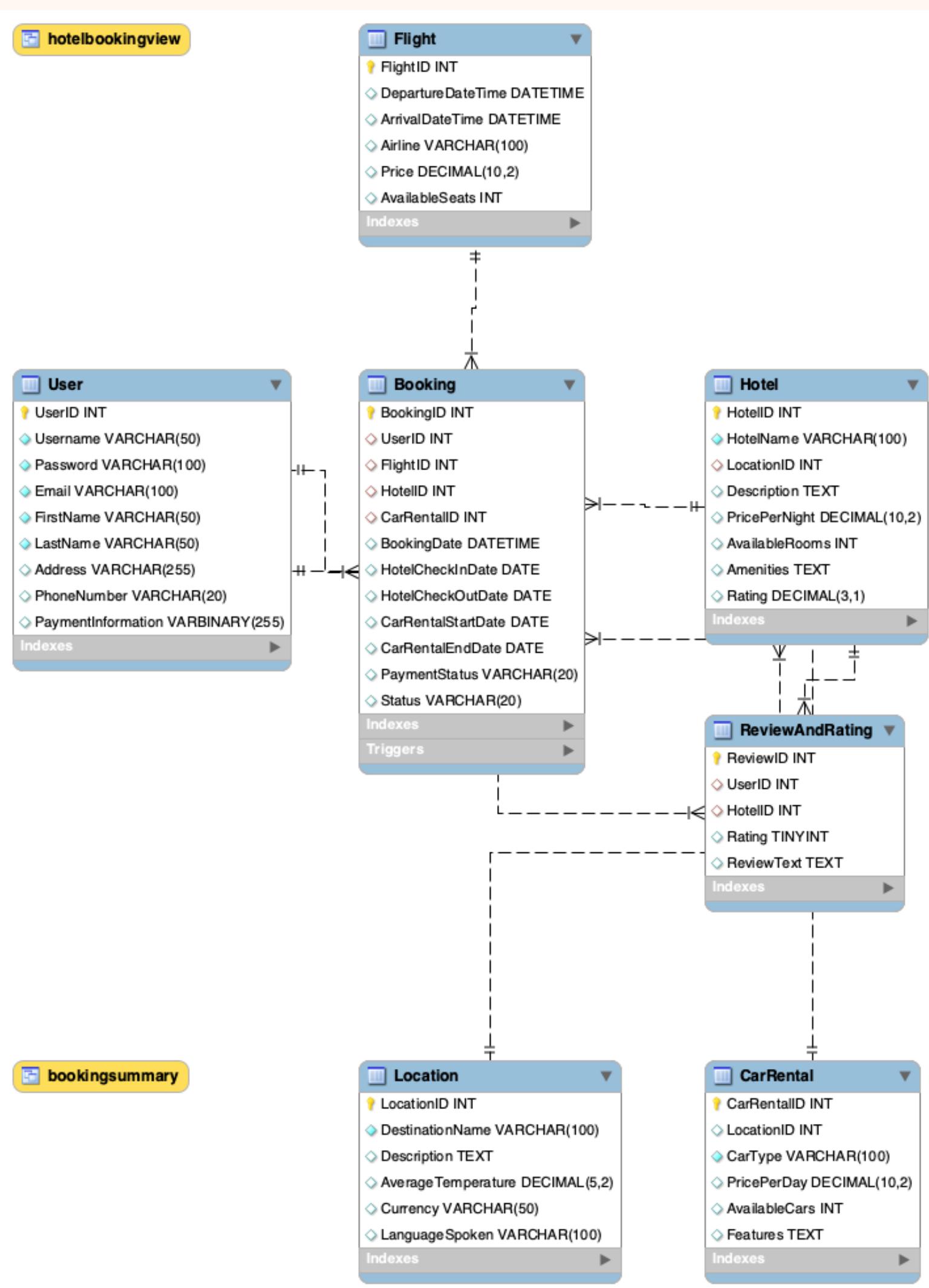
**Flights:** Managing flight details.

**Hotels:** Storing hotel-related data.

**Rental:** Cars: Handling car rental information.

**Location:** Storing location-related data.

**Review and rating:** Storing Review and rating-related data.



These tables are interconnected to ensure a seamless flow of data. For instance, booking data is linked to user, flight, hotel and rental car. This ensures accurate record-keeping and a personalized experience for our users.

Data Flow User interactions with the Travel Booking System result in data being stored in our database. When a user books a flight, reserves a hotel room, give a review or rents a car, their data is captured and processed to provide a smooth and efficient travel experience.

# The benefits of my database are numerous:

**Centralized Data:** All travel-related data in one place.

**Accuracy:** Ensuring precise and reliable information.

**Efficiency:** Streamlining the booking process.

**Personalization:** Tailoring travel services to individual customers.

```
● CREATE TABLE `Booking` (
    `BookingID` int NOT NULL AUTO_INCREMENT PRIMARY KEY,
    `UserID` int DEFAULT NULL,
    `FlightID` int DEFAULT NULL,
    `HotelID` int DEFAULT NULL,
    `CarRentalID` int DEFAULT NULL,
    `BookingDate` datetime DEFAULT NULL,
    `HotelCheckInDate` date DEFAULT NULL,
    `HotelCheckOutDate` date DEFAULT NULL,
    `CarRentalStartDate` date DEFAULT NULL,
    `CarRentalEndDate` date DEFAULT NULL,
    `PaymentStatus` varchar(20) DEFAULT NULL,
    `Status` varchar(20) DEFAULT NULL);

● INSERT INTO `Booking` (UserID, FlightID, HotelID, CarRentalID, BookingDate, HotelCheckInDate, HotelCheckOutDate, CarRentalStartDate, CarRentalEndDate, PaymentStatus, Status)
VALUES
    (1, 1, 1, 1, '2023-10-05 12:00:00', '2023-10-10', '2023-10-15', '2023-10-10', '2023-10-15', 'Paid', 'Confirmed'),
```

## Thank You!

Thank you for your time and attention. I appreciate the opportunity to present my Travel Booking System Database to you.

Now, let's move on to a live demonstration!

