



FLIGHT BOOKING SYSTEM

Travel Anywhere.

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Oh, Hello There!

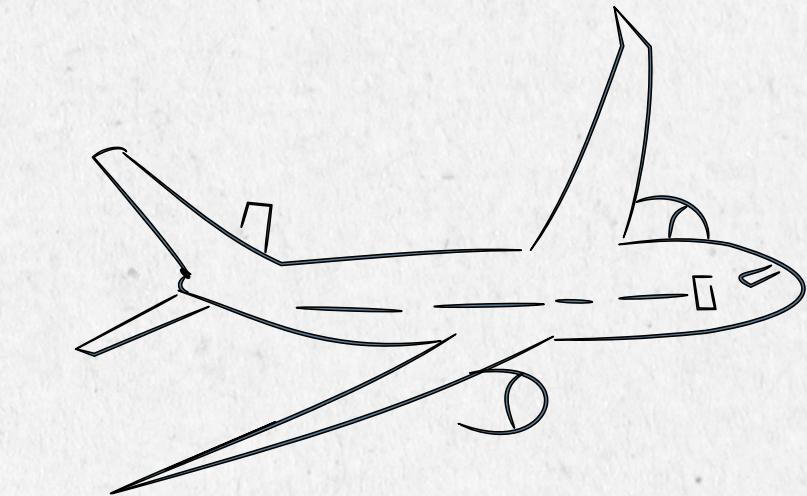
The Flight Booking System enables passengers to search and book flights online. The system manages flight details, aircraft information, and passenger bookings. It provides an easy way for users to find suitable flights, reserve seats, and manage their bookings.





Main Entities

- Passenger – Represents a user who books flights.
- Flight – Represents a scheduled trip from one airport to another.
- Booking – Represents a reservation made by a passenger for a flight.
- Airplane – Represents the aircraft assigned to specific flights.



Passenger

Attributes

- Passenger ID
- Full Name
- Email
- Passport Number
- Nationality
- Phone Number
- Status (Active / Inactive)

Operations

- Register Account
- Update Profile
- Search Flights
- Book a Flight
- Cancel a Booking





Flight

Attributes

- Flight ID
- Departure Airport
- Arrival Airport
- Departure Date & Time
- Arrival Date & Time
- Status (On Time / Delayed / Cancelled)
- Airplane ID

Operations

- Create Booking
- Update Booking
- Cancel Booking
- View Booking History

Booking

Attributes

- Booking ID
- Passenger ID
- Flight ID
- Seat Number
- Booking Date
- Status (Confirmed / Cancelled / Pending)

Operations

- Create Booking
- Update Booking
- Cancel Booking
- View Booking History



Airplane

Attributes

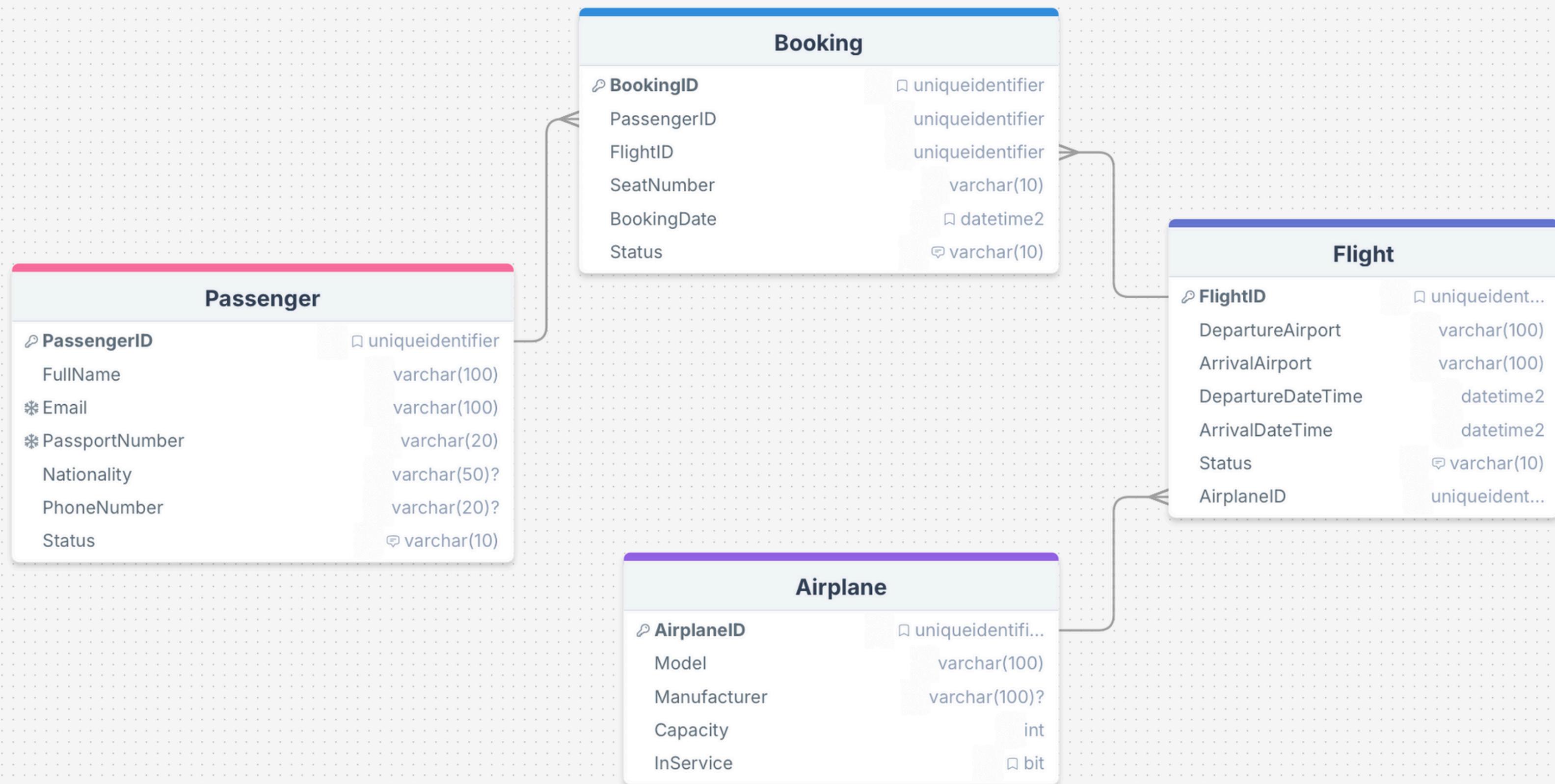
- Airplane ID
- Model
- Manufacturer
- Capacity
- In Service (Yes / No)

Operations

- Add New Airplane
- Update Airplane Info
- Mark Airplane as In/Out of Service



DB Diagram





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See
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Soon

