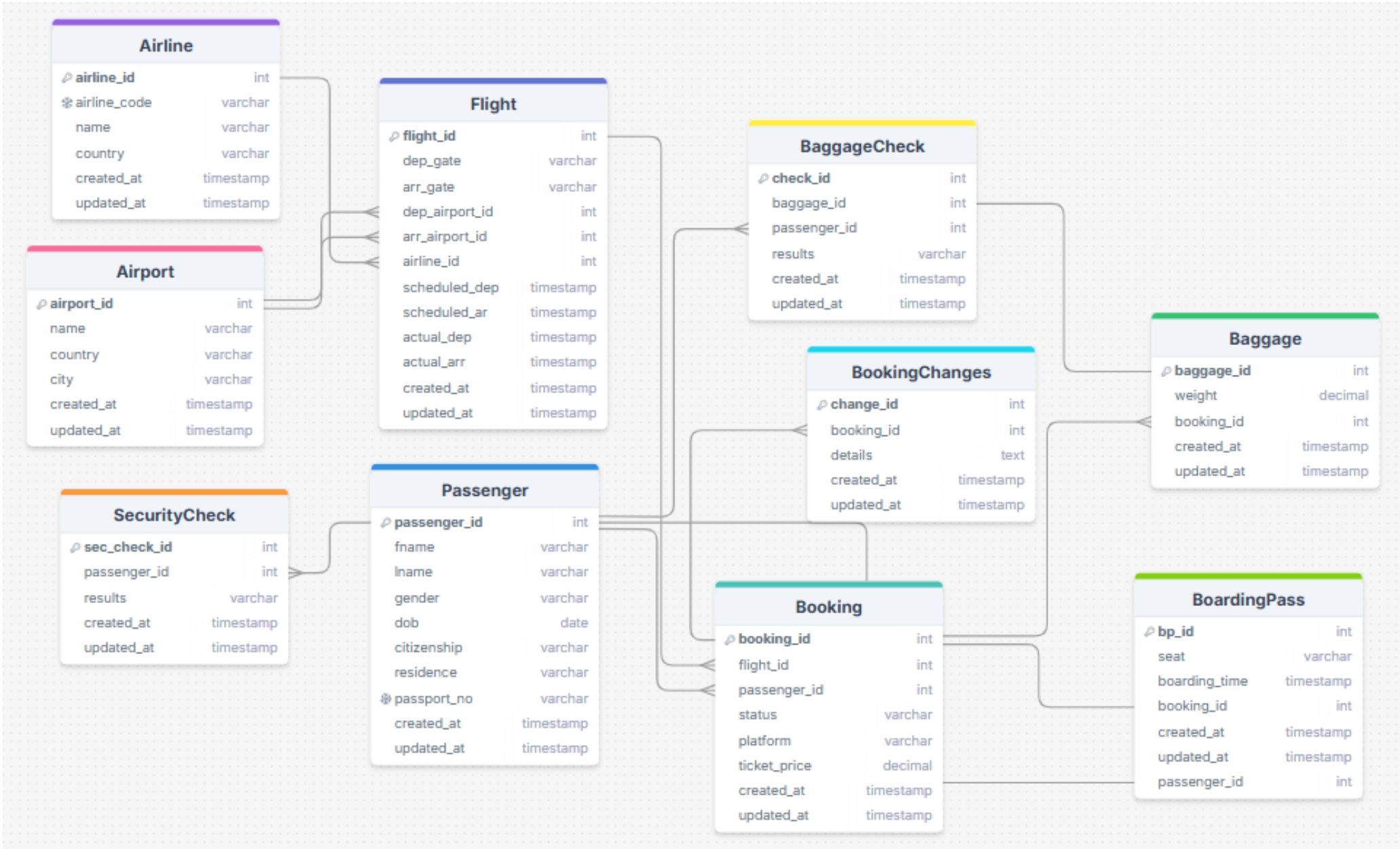
Airline
airline_id int
airline_code varchar
name varchar
country varchar
created_at timestamp
updated_at timestamp
Airport
airport_id int
name varchar
country varchar
city varchar
created_at timestamp
updated_at timestamp
Flight
flight_id int
dep_gate varchar
arr_gate varchar
dep_airport_id int
arr_airport_id int
airline_id int
scheduled_dep timestamp
scheduled_ar timestamp
actual_dep timestamp
actual_arr timestamp
created_at timestamp
updated_at timestamp
BaggageCheck
check_id int
baggage_id int
passenger_id int
results varchar
created_at timestamp
updated_at timestamp
Baggage
baggage_id int
weight decimal
booking_id int
created_at timestamp
updated_at timestamp
BookingChanges
change_id int
booking_id int
details text
created_at timestamp
updated_at timestamp
SecurityCheck
sec_check_id int
passenger_id int
results varchar
created_at timestamp
updated_at timestamp
Passenger
passenger_id int
fname varchar
lname varchar
gender varchar
dob date
citizenship varchar
residence varchar
passport_no varchar
created_at timestamp
updated_at timestamp
Booking
booking_id int
flight_id int
passenger_id int
status varchar
platform varchar
ticket_price decimal
created_at timestamp
updated_at timestamp
BoardingPass
bp_id int
seat varchar
boarding_time timestamp
booking_id int
created_at timestamp
updated_at timestamp
passenger_id int

Entities (Tables and their purpose)

Airline – stores information about airlines.
Airport – stores information about airports.
Flight – contains flight schedules (departure, arrival, time, airline).
Passenger – personal information of passengers.
Booking – records reservations made by passengers for flights.
BoardingPass – information about boarding passes issued to passengers.
Baggage – information about passengers' luggage.
BaggageCheck – results of baggage inspection.
SecurityCheck – results of passenger security checks.
BookingChanges – information about modifications of bookings.

Attributes (Important columns)

Each table has a **Primary Key (PK)**.

Foreign Keys (FK):

Flight → Airline (`airline_id`)
Flight → Airport (`dep_airport_id`, `arr_airport_id`)
Booking → Passenger (`passenger_id`), Flight (`flight_id`)
BoardingPass → Booking (`booking_id`)
Baggage → Booking (`booking_id`)
SecurityCheck → Passenger (`passenger_id`)
BookingChanges → Booking (`booking_id`)

Relationships

Airline – Flight: One airline can have many flights (1:N).
Airport – Flight: One airport can handle many departures/arrivals (1:N).
Passenger – Booking: One passenger can make many bookings (1:N).
Booking – BoardingPass: Each booking generates one boarding pass (1:1).

Booking – Baggage: One booking can include many pieces of baggage (1:N).
Passenger – SecurityCheck: One passenger can undergo multiple security checks (1:N).
Passenger – BaggageCheck: One passenger can have multiple baggage checks (1:N).
Booking – BookingChanges: One booking can have multiple changes (1:N).