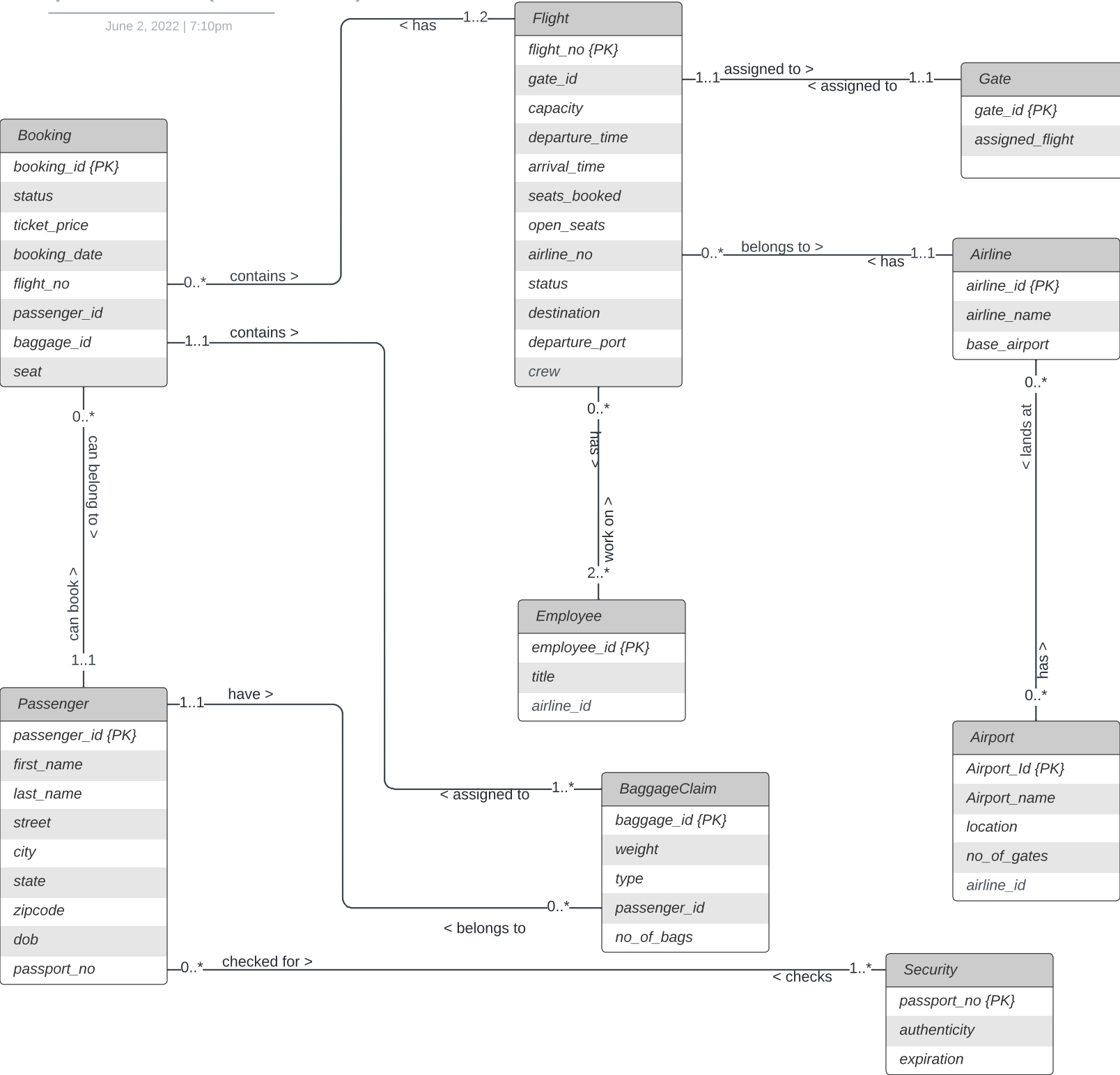


Airport Database (UML Notation)

June 2, 2022 | 7:10pm



Entity/ Attributes

Flight

- flight_no {PK}
- airline_no
- capacity
- departure_time
- arrival_time
- seats_booked
- open_seats
- status
- destination
- departure_port
- crew

Passenger

- passenger_id {PK}
- first_name
- last_name
- dob
- street
- city
- state
- zipcode
- passport_no

Airline

- airline_id {PK}
- airline_name
- base_airport

Airport

- airport_id {PK}
- airport_name
- location
- no_of_gates
- airline_id

Booking

- booking_id {PK}
- flight_no
- ticket_price
- passenger_id
- booking_date
- status
- seat
- baggage_id

Baggage Claim

- baggage_id {PK}
- weight
- type
- passenger_id
- no_of_bags

Security

- passport_no {PK}
- authenticity
- expiration

Gate

- gate_id {PK}
- assigned_flight

Employee

- employee-ID {PK}
- title
- airline_id

Assumptions

This is a domestic airport that only exports and import domestic flights.

A passenger can only book a flight with our airline. No outside bookings.

A booking can contain a one-way trip or round trip only.

Flight manifest can be pulled using reports and queries.