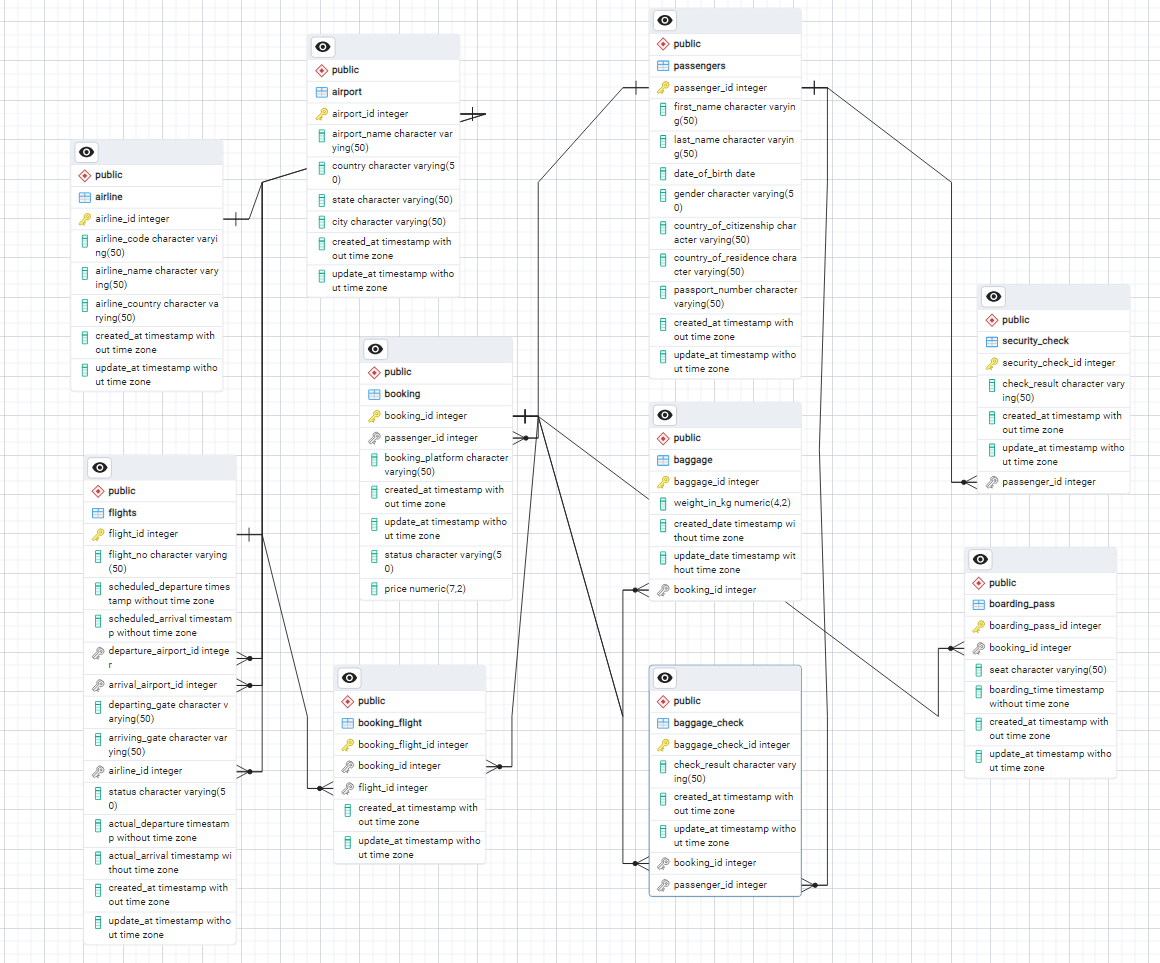
**Laboratory work 2**



Make a relationship between following tables **(20%):**

- Passengers with Secuitiry\_check, Booking, Baggage\_check by passenger\_id;

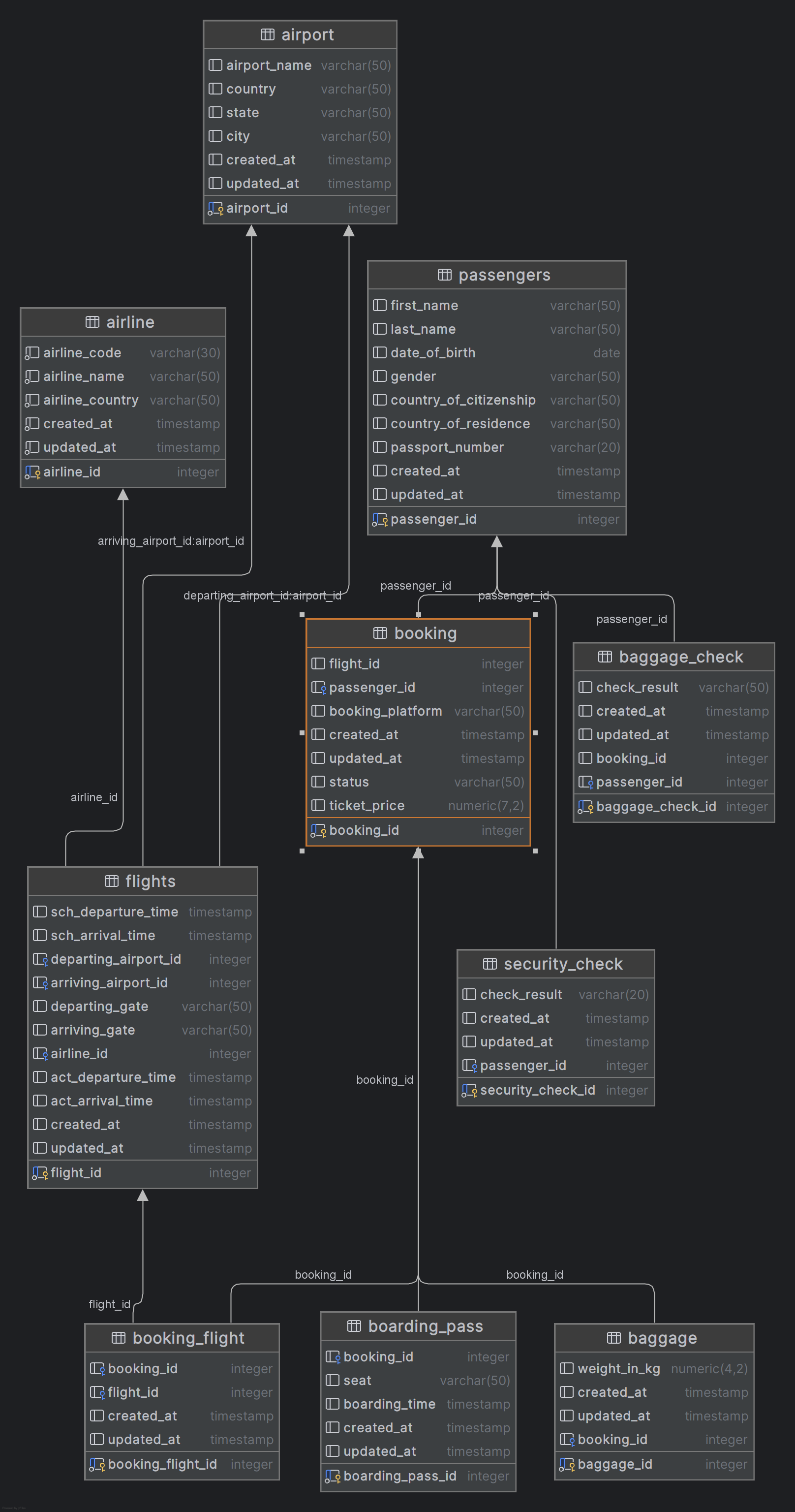
-Booking with Baggage\_check, Baggage, Boarding\_pass, Booking\_flight by booking\_id;

- Flights with Booking\_flight by flight\_id;

- Airport with Flights by departing\_airport\_id;

- Airport with Flights by arriving\_airport\_id;

- Airline with Flights by airline\_id;



**DML – Data Manipulation Language**

1. Generate and insert 100 random rows in your airline database using mockaroo service (https://www.mockaroo.com/).**(10%)**
2. Add a new airline named "KazAir" based in "Kazakhstan" to the airline table.(**10%** )

insert into Airline (airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at)  
values (101, 'KZA', 'KazAIR', 'Kazakhstan', '12-02-2024', '01-01-2024');



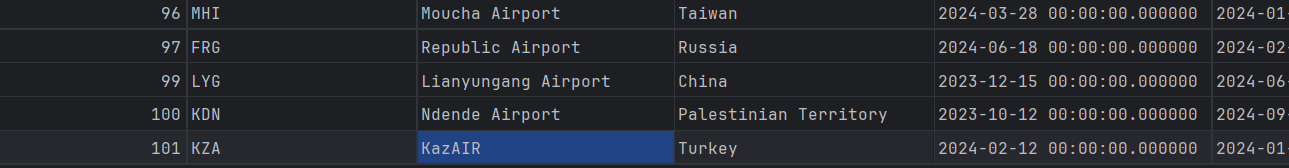
1. Update the airline country "KazAir" to "Turkey".(**10%** )

UPDATE Airline  
SET airline\_country = 'Turkey'  
WHERE airline\_name = 'KazAIR';

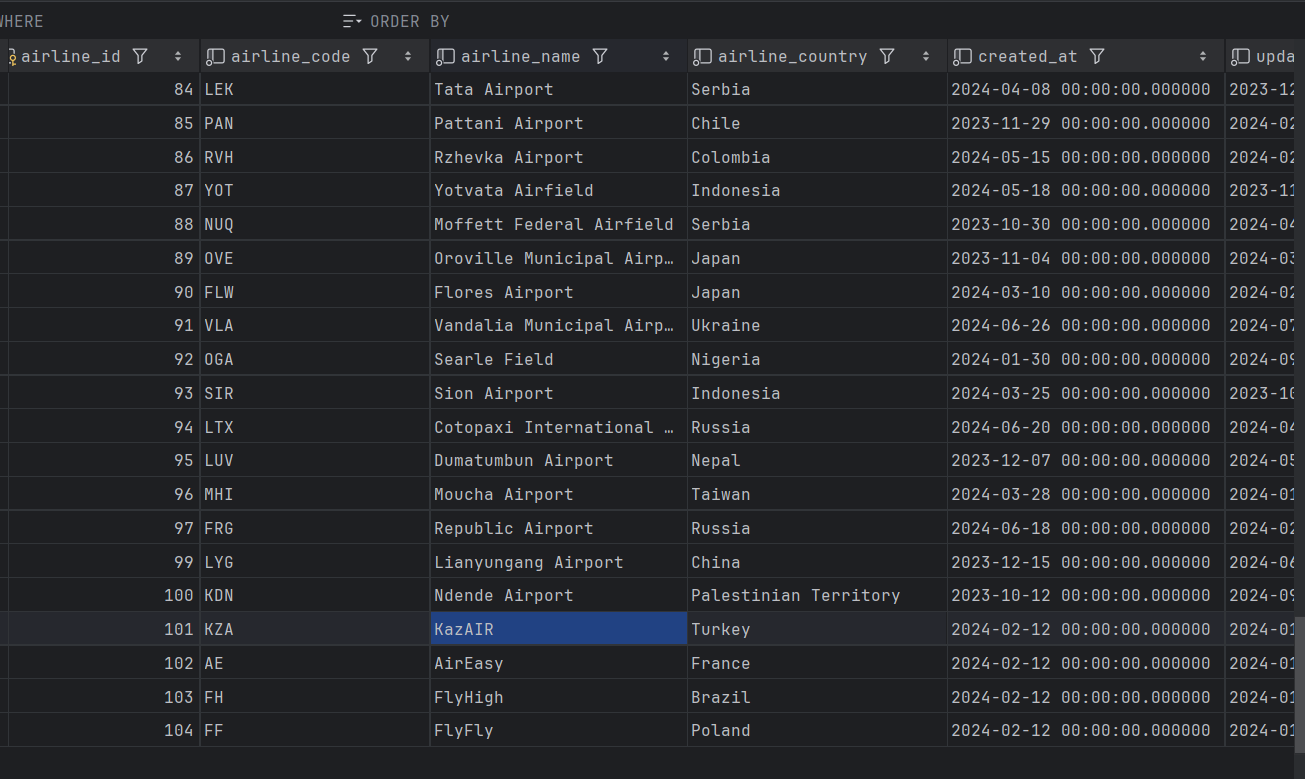


1. Remove the airline named "SIT" from the airline table. (**10%** )

DELETE FROM Airline  
WHERE airline\_name = 'Don Miguel';



1. Add three airlines at once: "AirEasy" in "France", "FlyHigh" in "Brazil" and "FlyFly" in "Poland". (**10%** )



INSERT INTO Airline (airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at)  
VALUES  
 (102, 'AE', 'AirEasy', 'France', '2024-02-12', '2024-01-01'),  
 (103, 'FH', 'FlyHigh', 'Brazil', '2024-02-12', '2024-01-01'),  
 (104, 'FF', 'FlyFly', 'Poland', '2024-02-12', '2024-01-01');

1. Delete all flights whose arrival in 2024 year. (**10%** )

Изображение выглядит как текст, снимок экрана, меню, число

Автоматически созданное описание

DELETE FROM airline

WHERE EXTRACT(YEAR FROM updated\_at) = 2023

1. Increase the price of all tickets in booking table for flights by 10%.(**10%** )

UPDATE Booking

SET ticket\_price = ticket\_price \* 1.10;

1. Delete all tickets whose price is less than 1000 units. (**10%** )

DELETE FROM Booking

WHERE ticket\_price < 1000;