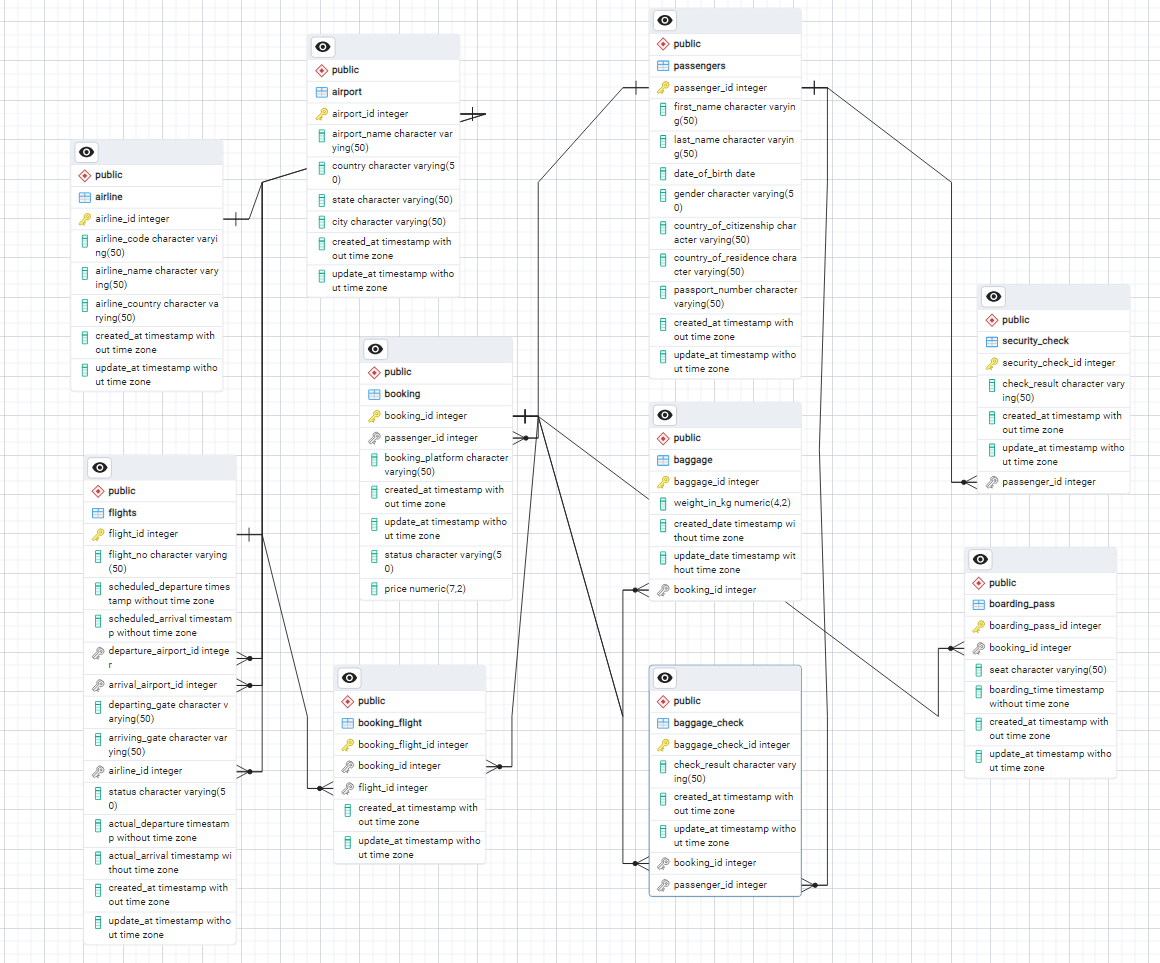
**Laboratory work 2**



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

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

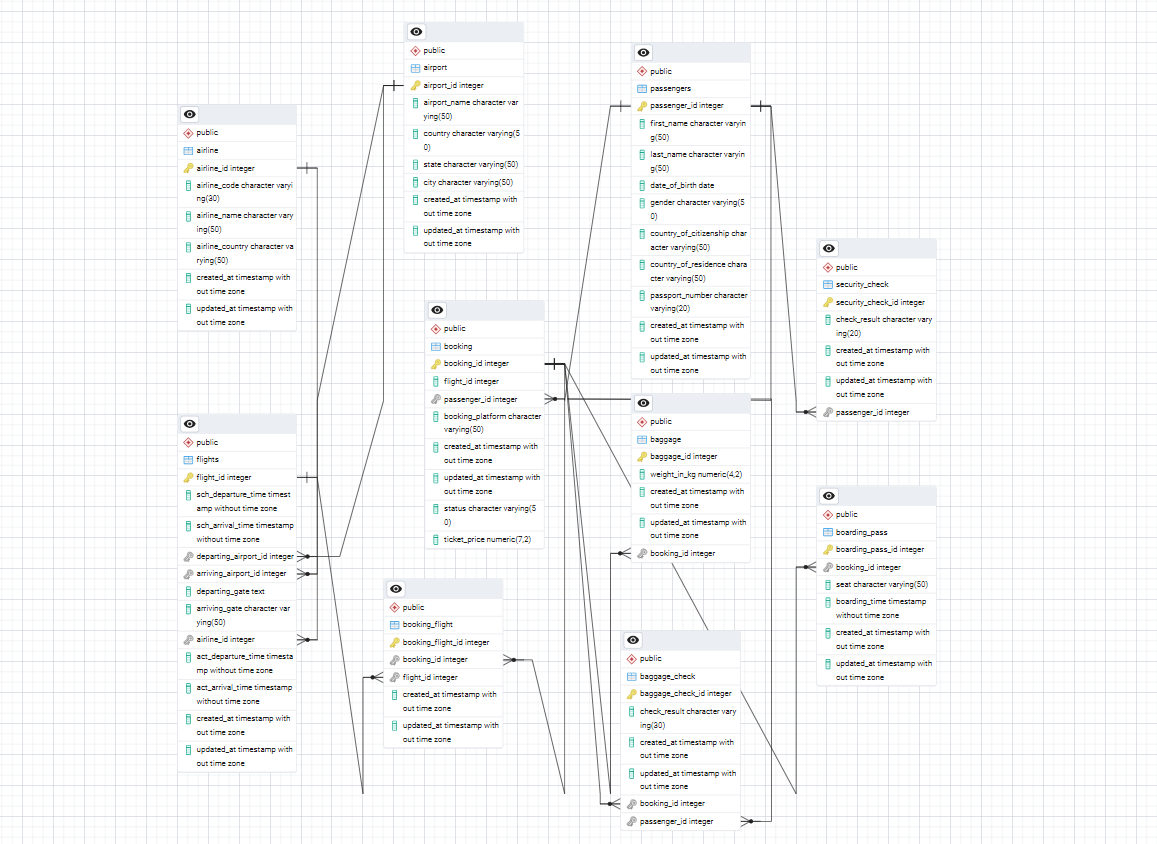
-Booking with Baggage\_check, Baggage, Boarding\_pass, Booking\_flight by booking\_id;

- Flights with Booking\_flight by flight\_id;

- Airport with Flights by departing\_airport\_id;

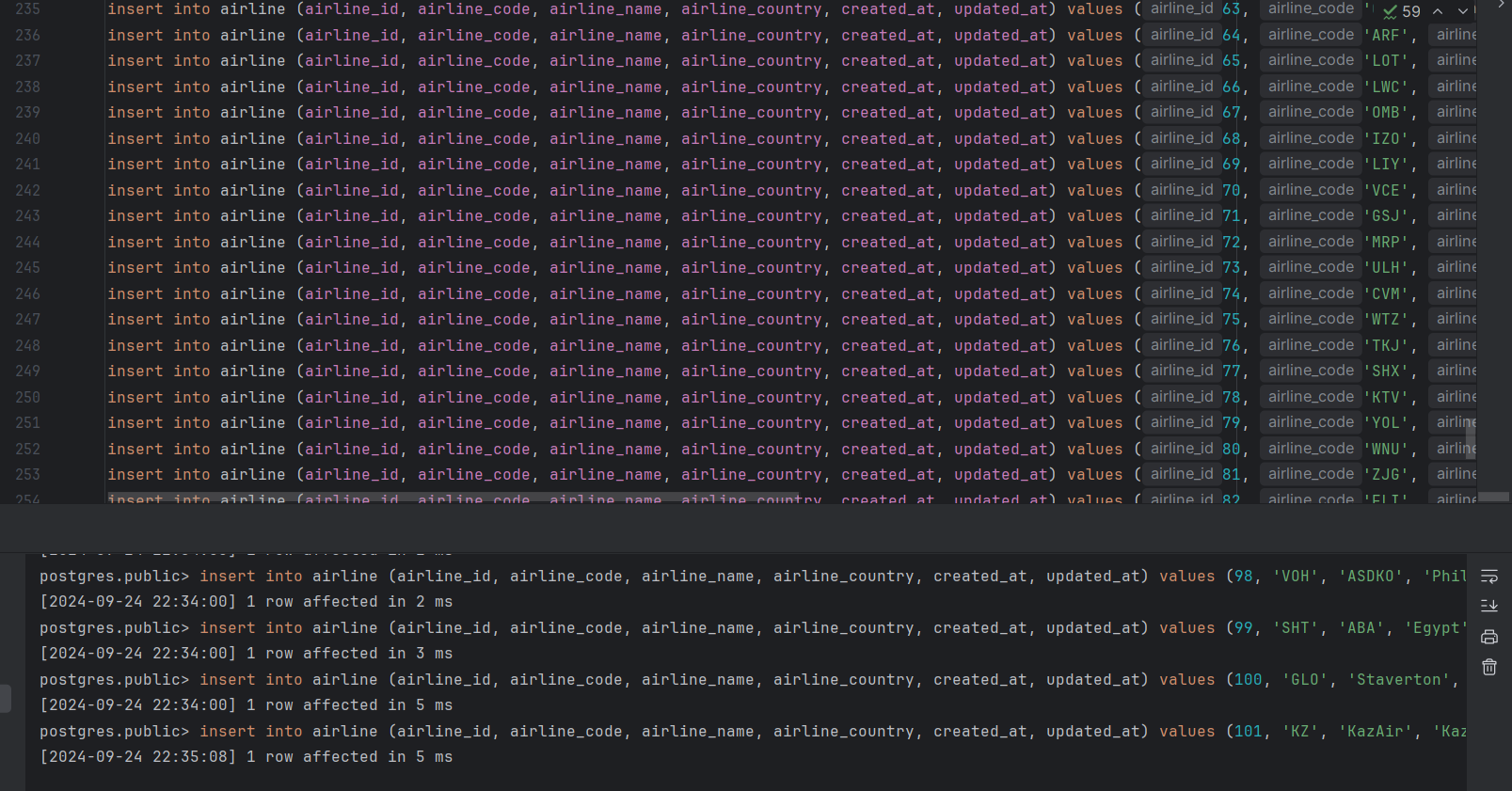
- Airport with Flights by arriving\_airport\_id;

- 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%**](https://www.mockaroo.com/).(10%25)**)**



1. 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, 'KZ', 'KazAir', 'Kazakhstan', '2006-07-27 12:03:35', '2022-12-22 02:08:20');



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

UPDATE airline SET airline\_country = 'Turkey' WHERE airline\_name = 'KazAir';



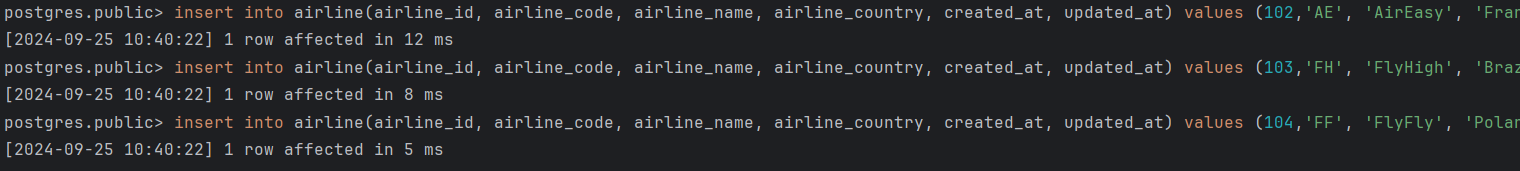
1. Remove the airline named "SIT" from the airline table. (**10%** )

DELETE FROM airline WHERE airline\_name = 'Tok';



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', '2001-10-19 22:49:40', '2024-08-26 13:02:29');  
insert into airline(airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at) values (103,'FH', 'FlyHigh', 'Brazil', '2002-11-19 22:49:40', '2005-08-21 13:02:29');  
insert into airline(airline\_id, airline\_code, airline\_name, airline\_country, created\_at, updated\_at) values (104,'FF', 'FlyFly', 'Poland', '1999-10-19 22:49:40', '2006-08-26 13:02:29');



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

DELETE FROM airline WHERE *EXTRACT*(YEAR FROM updated\_at ) = 2024;



1. Increase the price of all tickets in booking table for flights by 10%.(**10%** )
2. UPDATE booking SET ticket\_price = ticket\_price \* 1.10 WHERE ticket\_price > 0;
3. Delete all tickets whose price is less than 1000 units. (**10%** )

DELETE FROM booking WHERE ticket\_price < 1000;