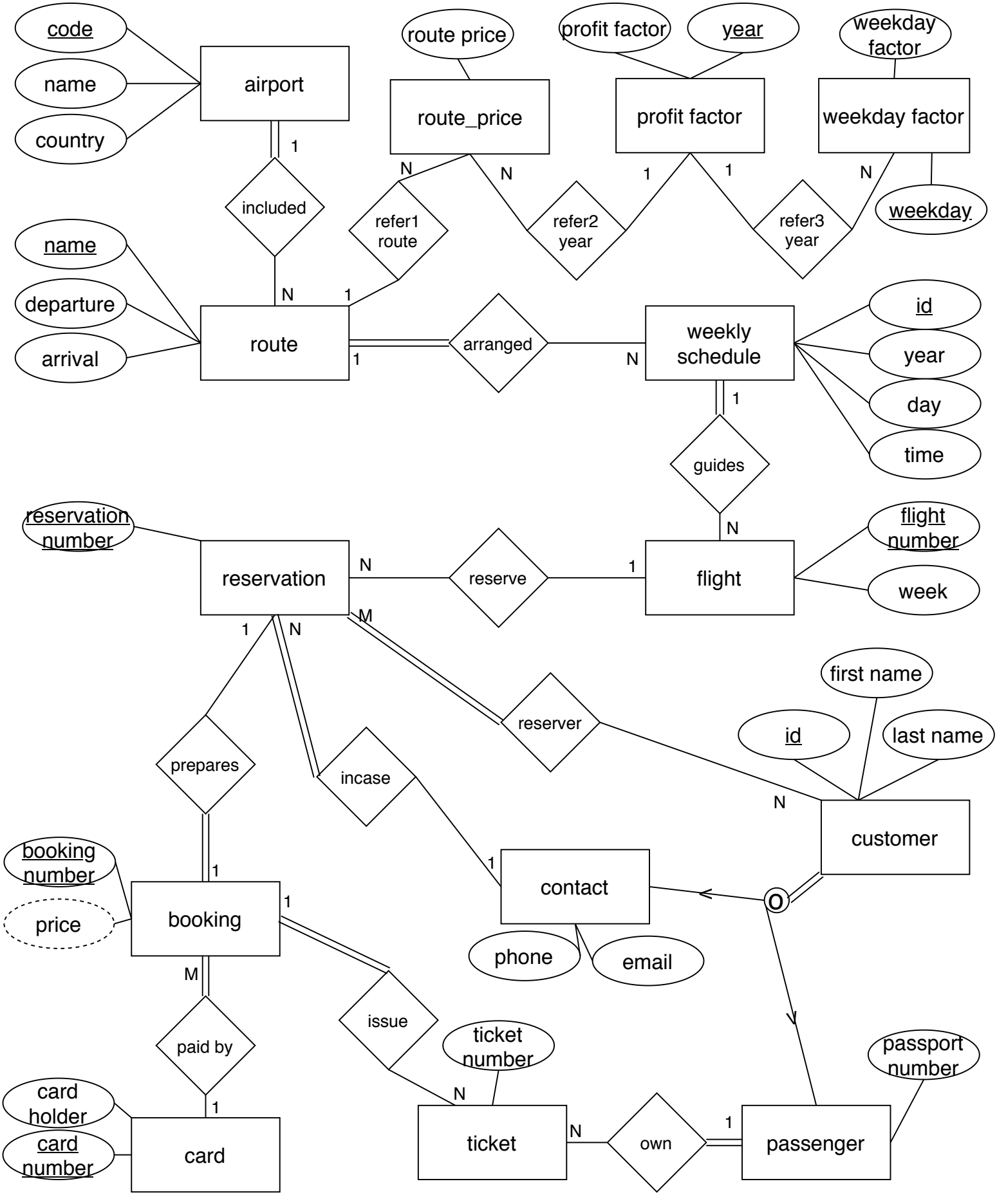
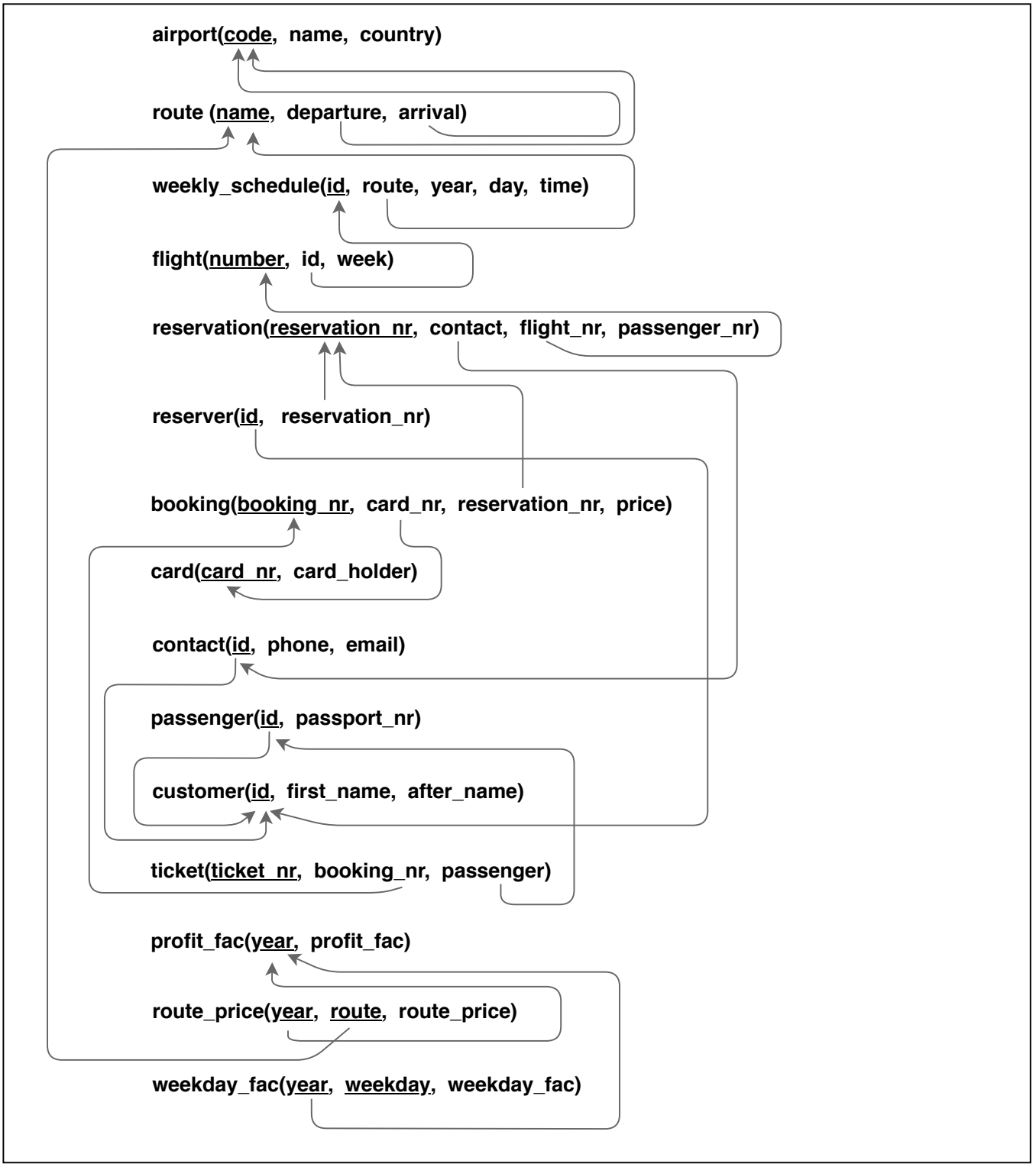
**Assumptions:**

1. table airport and route are fully participating, since the company is new and expand resources on demand;
2. store constant profit factor, weekday factor and route price into table "parameters";
3. In order to make a reservation, flight number, contact info and passengers' id numbers are required;
4. No matter one wants to buy the tickets directly or make payment/booking later, a reservation number is always generated (i.e. for first step if pay later);
5. a booking number is generated for each booking/payment;
6. only info for booked passengers saved;
7. price is the same for all passengers per flight;
8. Passport number not needed under reservation



**Relational Database Schema:**