```sql
--1
ALTER TABLE passengers
    ADD CONSTRAINT chk_passenger_age
        CHECK (date_of_birth <= CURRENT_DATE- interval '10years');
--2
ALTER TABLE booking
    ADD CONSTRAINT chk_booking_price
        CHECK (price2 >= 0 AND price2 <= 50000);
--3
ALTER TABLE baggage
    ADD CONSTRAINT chk_luggage_weight
        CHECK (weight_in_kg BETWEEN 1 AND 23);
--4
ALTER TABLE airport
    ADD CONSTRAINT chk_airport_name_length
        CHECK (char_length(airport_name) >= 10);
--5
ALTER TABLE passengers ADD CONSTRAINT unq_passenger_email UNIQUE (passport_number);
ALTER TABLE airport ADD CONSTRAINT unq_airport_code UNIQUE (airport_name);
ALTER TABLE booking ADD CONSTRAINT unq_booking_id UNIQUE (booking_id);
--6
ALTER TABLE passengers
    ADD CONSTRAINT chk_gender_age
        CHECK (
            (gender = 'Male' AND current_date - date_of_birth >= 18)
                OR (gender = 'Female' AND current_date - date_of_birth >= 19)
            );
--7
ALTER TABLE passengers
ADD CONSTRAINT chk_country_age
CHECK (
    (country_of_citizenship = 'Kazakhstan' AND current_date - date_of_birth >= 18)
    OR (country_of_citizenship = 'France' AND current_date - date_of_birth >= 17)
    OR (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND current_date - date_of_birth >= 19)
);
--8
ALTER TABLE booking
ADD COLUMN ticket_discount numeric(5,2);

ALTER TABLE booking
    ADD CONSTRAINT chk_ticket_discount
        CHECK (
            (created_at >= '2024-01-01' AND ticket_discount = price2* 0.05)
                OR (created_at < '2024-01-01' AND ticket_discount = price2 * 0.10)
            );
```