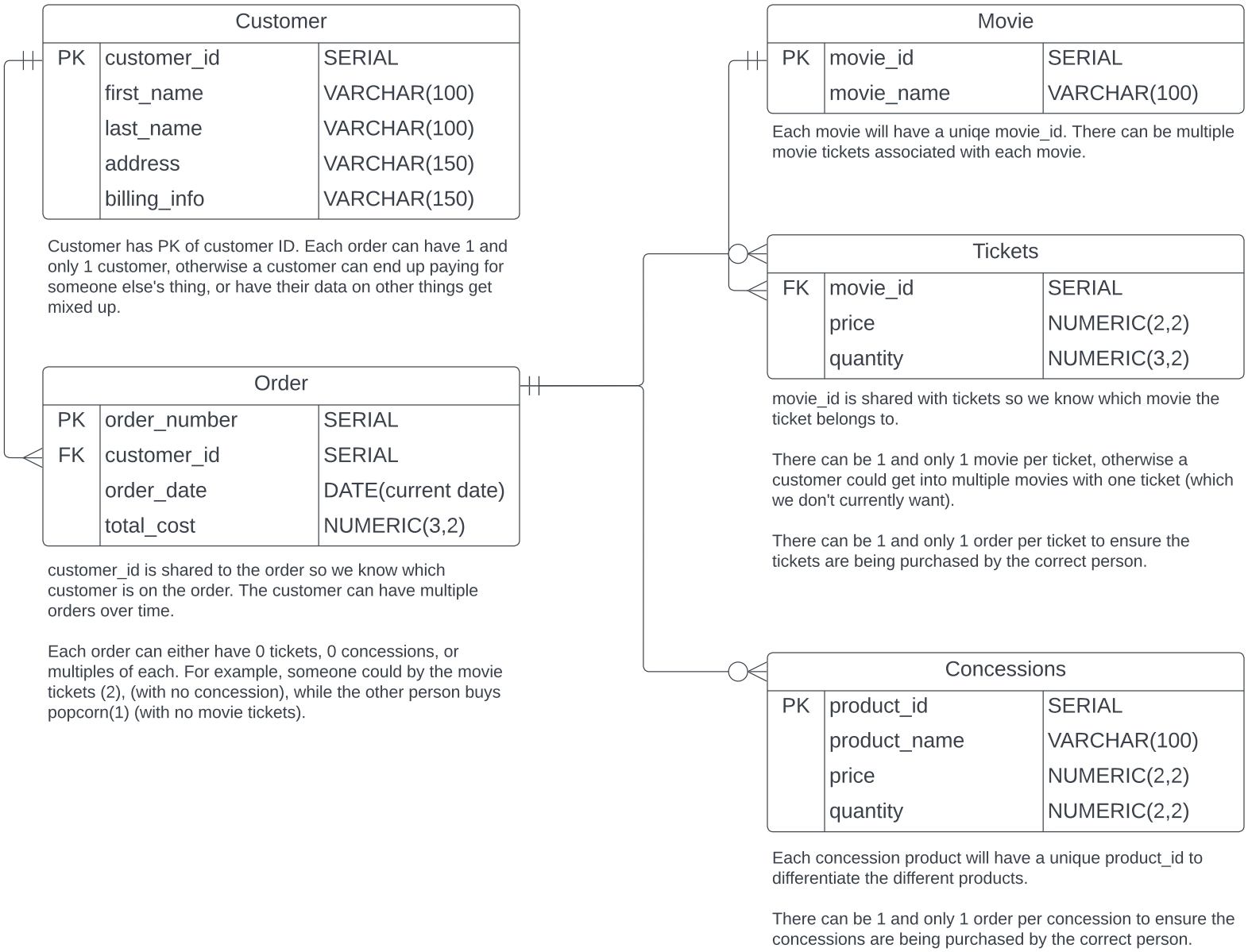
Customer
PK customer_id SERIAL
first_name VARCHAR(100)
last_name VARCHAR(100)
address VARCHAR(150)
billing_info VARCHAR(150)
Customer has PK of customer ID. Each order can have 1 and only 1 customer, otherwise a customer can end up paying for someone else's thing, or have their data on other things get mixed up.
Order
PK order_number SERIAL
FK customer_id SERIAL
order_date DATE(current date)
total_cost NUMERIC(3,2)
customer_id is shared to the order so we know which customer is on the order. The customer can have multiple orders over time.
Each order can either have 0 tickets, 0 concessions, or multiples of each. For example, someone could by the movie tickets (2), (with no concession), while the other person buys popcorn(1) (with no movie tickets).
Movie
PK movie_id SERIAL
movie_name VARCHAR(100)
Each movie will have a uniqe movie_id. There can be multiple movie tickets associated with each movie.
Tickets
FK movie_id SERIAL
price NUMERIC(2,2)
quantity NUMERIC(3,2)
movie_id is shared with tickets so we know which movie the ticket belongs to.
There can be 1 and only 1 movie per ticket, otherwise a customer could get into multiple movies with one ticket (which we don't currently want).
There can be 1 and only 1 order per ticket to ensure the tickets are being purchased by the correct person.
Concessions
PK product_id SERIAL
product_name VARCHAR(100)
price NUMERIC(2,2)
quantity NUMERIC(2,2)
Each concession product will have a unique product_id to differentiate the different products.
There can be 1 and only 1 order per concession to ensure the concessions are being purchased by the correct person.