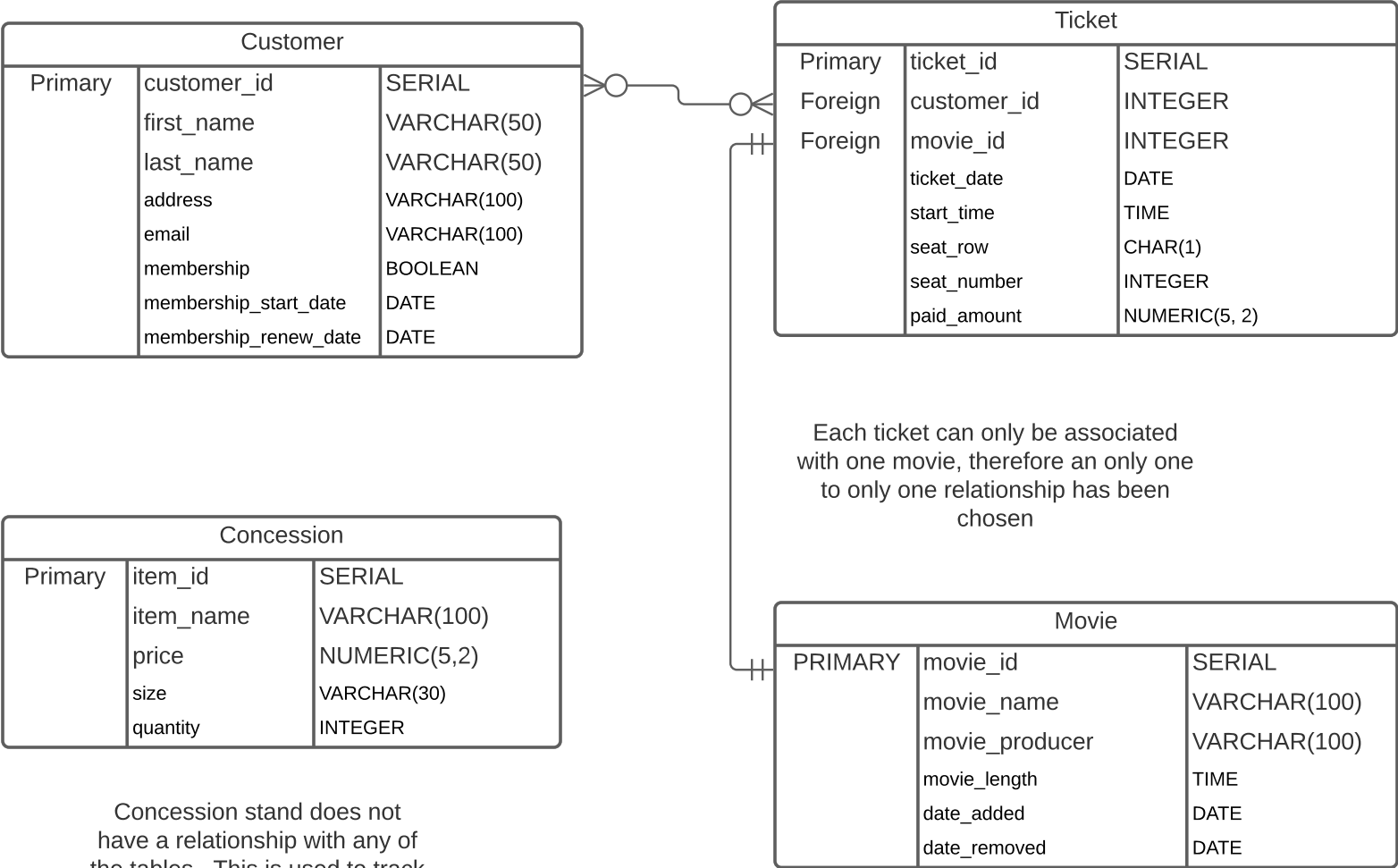Many customers can buy many tickets and you can have customers who don't buy a ticket but are still in database. Also, tickets not associated with a customer means there is a vacant spot in the theater

Customer

Primary	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	address	VARCHAR(100)
	email	VARCHAR(100)
	membership	BOOLEAN
	membership_start_date	DATE
	membership_renew_date	DATE

Ticket

Primary	ticket_id	SERIAL
Foreign	customer_id	INTEGER
Foreign	movie_id	INTEGER
	ticket_date	DATE
	start_time	TIME
	seat_row	CHAR(1)
	seat_number	INTEGER
	paid_amount	NUMERIC(5, 2)

Concession

Primary	item_id	SERIAL
	item_name	VARCHAR(100)
	price	NUMERIC(5,2)
	size	VARCHAR(30)
	quantity	INTEGER

Each ticket can only be associated with one movie, therefore an only one to only one relationship has been chosen

Movie

PRIMARY	movie_id	SERIAL
	movie_name	VARCHAR(100)
	movie_producer	VARCHAR(100)
	movie_length	TIME
	date_added	DATE
	date_removed	DATE

Concession stand does not have a relationship with any of the tables. This is used to track the inventory of each snack