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)	<u> </u>
r	Primary	customer id	SERIAL		Pr
	-	first_name	VARCHAR(50)		Fo
		last_name	VARCHAR(50)		Fo
		address	VARCHAR(100)		
		email	VARCHAR(100)		
		membership	BOOLEAN		
		membership_start_date	DATE		
		membership_renew_date	DATE	J	

	Ticket		
Γ	Primary	ticket_id	SERIAL
\triangleleft	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

Multiple tickets can be associated with one movie or multiple tickets can be associated with multiple movies, therefore it is a many to many relationship

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

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