

the three tables in a row are tables that have the info for different products, which are **popcorn**, **drink**, and **candy**.

Primary Key: ...\_id is the id of the item

**sizes** is the size of the item\*  
**amount** is the amount of item  
**price** is the price of the item individually

\*How this works is that it is a string with one character representing one item size, if there are more than one amount of the item, there must be two or more characters in size and the amount of characters must be correlated to the amount integer, for example, there are 3 buckets of popcorn, two are medium and one is large, it would be "MML".

popcorn		
PK	popcorn_id	SERIAL
	sizes	VARCHAR(20)
	amount	INTEGER
	price	NUMERIC(5,2)

drink		
PK	drink_id	SERIAL
	sizes	VARCHAR(20)
	amount	INTEGER
	price	NUMERIC(5,2)

candy		
PK	candy_id	SERIAL
	sizes	VARCHAR(20)
	amount	INTEGER
	price	NUMERIC(5,2)

**customer** is the table of the customer, it has the customer info and links to the ticket and the concession.

Primary Key: **customer\_id** is the id of the customer, however it will not always be one person, but rather the person who ordered the ticket for others as well

**date\_n\_time** is the date and the time for the purchase of the ticket  
**first\_name** is the the first name of the customer who ordered the ticket and the concessions  
**last\_name** is the the last name of the customer who ordered the ticket and the concessions  
**email** is the the email of the customer who ordered the ticket and the concessions  
**phone** is the the phone number of the customer who ordered the ticket and the concessions

Foreign Keys: **ticket\_id**, and **concession\_id**

**ticket** is the table where it has the ticket info

Primary Key: **ticket\_id** is the id of ticket

**movie\_date** is the date of the movie playing  
**movie\_time** is the time of the movie playing  
**billing** is the bill for the total amount of tickets  
**ticket\_amount** is the amount of tickets per order, meaning that if there are two tickets, it would be two people.

Foreign Keys: **movie\_id**, and **room\_number**

ticket		
PK	ticket_id	SERIAL
	movie_date	VARCHAR(10)
	movie_time	VARCHAR(7)
	billing	NUMERIC(6,2)
	ticket_amount	INTEGER
FK	movie_id	INTEGER
FK	room_number	INTEGER

customer		
PK	customer_id	SERIAL
	date_n_time	TIMESTAMP
	first_name	VARCHAR(20)
	last_name	VARCHAR(20)
	email	VARCHAR(30)
	phone	VARCHAR(20)
FK	ticket_id	INTEGER
FK	concession_id	INTEGER

**movie** table has the movie info

Primary Key: **movie\_id** is the id for the movie

**title** is the movie's title  
**rating** is the rating of the movie (pg, r, ect)

movie		
PK	movie_id	SERIAL
	title	VARCHAR(50)
	rating	VARCHAR(5)

room		
PK	room_number	INTEGER
	capacity	INTEGER

**room** table is one of the rooms in the theater

Primary Key: **room\_number** is the room number

**capacity** is the max capacity of the room

**concession** is the table of what concessions the customer has.

Primary Key: **concession\_id** is the id of concession

Foreign Keys: **concession\_id**, **drink\_id**, and **candy\_id**.

concession			
PK	concession_id	SERIAL	
FK	popcorn_id	INTEGER	
FK	drink_id	INTEGER	
FK	candy_id	INTEGER	