customers

PK	customer_id	SERIAL
	first_name	VARCHAR(100)
	last_name	VARCHAR(100)
	payment_info	VARCHAR(150)
	address	VARCHAR(150)
	phone	VARCHAR(15)

The customer table is filled with customers and their info.

Each customer has 0 (new customer) or many purchases (multiple visits).

Each purchase is associated with one and only one customer. (Only one person pays)

purchase

PK	purchase_id	SERIAL
	total	NUMERIC(6,2)
FK	customer_id	INTEGER

The purchase table is filled with purchases, the total payment & the associated customer who paid for it.

Each payment has 0 or many concessions, and 1 or many tickets.

Each concession is associated with 0 (NULL, snack not purchased) or 1 (paid snack) purchase.

Each ticket is associated with 0 (empty seat) or 1 (taken seat) purchase.

concessions

PK	concession_id	SERIAL
	concession	VARCHAR(100)
	price	NUMERIC(5,2)
FK	purchase_id	INTEGER

The concessions table is filled witth individual unit of concession (id), the type of concession (ie popcorn), its price& the associated purchase (NULL if not associated with a purchase.

tickets

PK	ticket_id	SERIAL
	price	NUMERIC(5,2)
FK	purchase_id	INTEGER
FK	movie_id	INTEGER

The tickets table is filled witth individual unit of ticket (id), the price of the ticket, its price & the associated movie_id.

Each ticket is associated with one and only one movie.

Each movie is associated with 0 (no tickets for the movie yet, but theater is planning to have tickets) or many (total # of seats for the theater for each movie showing) tickets.

The movies table is filled witth individual unit of movie (id), the title of the movie and the rating of the movie.

movies

PK	movie_id	SERIAL
	title	VARCHAR(150)
	rating	VARCHAR(50)