Staff

PK	staff_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	department	VARCHAR(50)
	hourly_pay	NUMERIC(3,2)

Customer

PK	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)

Movie

PK	movie_id	SERIAL
	movie_title	VARCHAR(50)
	lead_actor	VARCHAR(50)
	length	INTERVAL
	rating	INTEGER

Receipt

PK	receipt_id	SERIAL
	purchase_date	DATE
	purchase_time	TIME
	num_adult_tickets	INTEGER
	num_child_tickets	INTEGER
	num_senior tickets	INTEGER
	concessions_amt	INTEGER
	total_cost	NUMERIC(5,2)
FK	staff_id	INTEGER
FK	customer_id	INTEGER

Ticket

PK	ticket_id	SERIAL
	ticket_type	VARCHAR(10)
	ticket_price	NUMERIC(2,2)
	movie_date	DATE
	movie_time	TIME
FK	movie_id	INTEGER
FK	studio_id	INTEGER
FK	customer_id	INTEGER
FK	receipt_id	INTEGER

Studio

PK	studio_id	SERIAL
	num_seats	INTEGER
`	theater_type	VARCHAR(50)

Concession_Item

PK	item_id	SERIAL
FK	receipt_id	INTEGER
FK	product_id	INTEGER

Concession_Inventory

PK	product_id	SERIAL
	product_price	NUMERIC(3,2)
	product_quantity	INTEGER

- There are two tables to track people at the movie theater: Staff and Customer
- Each Customer can have multiple receipts if they were to come back to the theater multiple times in their lifetime in the database or if they purchase things multiple times within one visit, but each ticket can only have one customer associated with it (even though there may be a different person holding the ticket to get into the theater, the theater will not track that person's identity because that person never exchanged money and was given the ticket by the Customer)
- Each Customer can have multiple tickets if they buy multiple tickets at once for their family or children or if they come back to the theater multiple times while they exist in the database
- Each Staff member can give out multiple receipts in their time in the database, but a receipt can only have one staff member associated with it
- A Receipt can be attached to several Tickets or several different Concession Items, but a particular concession item can only be on one receipt and a ticket can only be on one receipt
- Each Product in the Concession Inventory can have multiple individual items (Ex. Product is Popcorn and there are 5 Items of Popcorn), but a particular Item can only be associated with one Product type in the inventory
- Each Movie can have multiple tickets associated with it, but there can only be one movie on each ticket
- Each Studio that is showing movies can be associated with several tickets, but each ticket can only be directing the Customer to one Studio