

Movie Theater ERD

Customer		
PK	customer_id	INTEGER
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	phone_number	VARCHAR(20)

Concession		
PK	item_id	SERIAL
FK	item_name	VARCHAR(50)
	item_price	NUMERIC

Related by item_id, concession populates concession sale which is connected to customer by the customer_id

Concession Sale		
PK	sale_id	SERIAL
FK	customer_id	INTEGER
FK	item_id	INTEGER
	quantity	INTEGER
	sale_time	TIME

Allows the ability to track concession sales by customer

Ticket		
PK	ticket_id	SERIAL
FK	customer_id	INTEGER
	movie_id	INTEGER
	movie_time	TIME
	seat_name	VARCHAR(10)

Movie		
PK	movie_id	SERIAL
	movie_title	VARCHAR(50)
	movie_duration	NUMERIC
	movie_genre	VARCHAR(20)
	movie_rating	VARCHAR(10)

A movie can have multiple tickets associated with it but each ticket is only for a specific movie

A customer can purchase multiple tickets but each ticket is purchased by one customer