Movie Theater ERD

customer

PK	customer_id	SERIAL
	cust_first	VARCHAR(100)
	cust_last	VARCHAR(100)

concession

PK	conc_order_id	SERIAL
	conc_order_date	VARCHAR(100)
	conc_sub_total	NUMERIC(6,2)
	conc_total_sale	NUMERIC(8,2)
FK	upc	Integer

inventory

PK	upc	SERIAL
	product_amount	Integer

product

PK	item_id	SERIAL
	amount	NUMERIC(5
	prod_name	VARCHAR(
FK	upc	Integer

cart

PK	cart_id	SERIAL
FK	customer_id	Integer
FK	conc_order_id	Integer
FK	order_id	Integer

admission

PK	order_id	SERIAL
	order_date	DATE
	sub_total	NUMERIC(6,2)
	total_sale	NUMERIC(8,2)
FK	ticket_id	Integer

ticket

PK	ticket_id	SERIAL
	ticket_amount	Integer
FK	time_id	Integer

movie

PK	movie_id	SERIAL
	movie_name	VARCHAR
	movie_year	Integer
	movie_date	DATE
	movie_run_time	Integer
	movie_lang	VARCHAR

movie_time

PK	time_id	SERIAL
	movie_time	TIME
FK	movie_id	Integer

One and only one customer can buy tickets or concessions at our movie theater

Two transactions generally take place at the theater- one at the concession and one at the ticket booth. We want to track separately but we can query total sales by customer or by employee

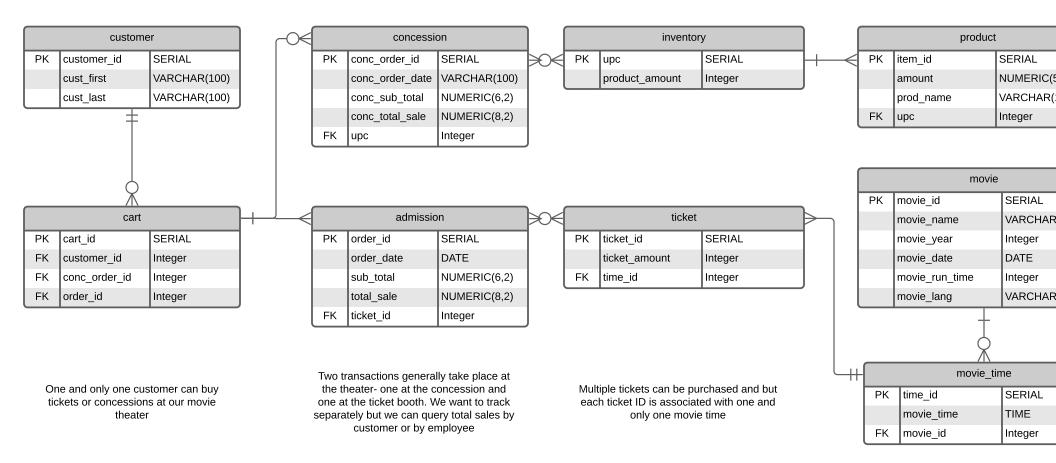Multiple tickets can be purchased and but each ticket ID is associated with one and only one movie time

A movie can have zero or multiple times but a movie time must have o ore movies at a specific time

RIAL
MERIC(5,2)
RCHAR(100)
ger

ERIAL
ARCHAR(100)
eger
ATE
eger
ARCHAR(100)

ERIAL
ME
eger

multiple movie
t have one or
fic time