

customer		
PK	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	zip_code	INTEGER

One to many relationship
where a customer can have 1
or many tickets but a ticket can
have one and only one
customer

One to many relationship where a
ticket can have 0 or many orders
but an order can belong to one
and only one ticket

concession_order		
PK	concession_id	SERIAL
FK	item_id	INTEGER
	item_quantity	INTEGER
FK	ticket_id	INTEGER
	order_date	DATE
	total_price	NUMERIC(6,2)

A one to many
relationship where an
order can have one
and only one item and
an item can have 0 or
many orders.

ticket		
PK	ticket_id	SERIAL
FK	customer_id	INTEGER
	ticket_price	NUMERIC(4,2)
FK	movie_id	VARCHAR(100)
	show_date	DATE
	show_time	TIME(0)
	theater_number	INTEGER
	seat_number	INTEGER

A one to many
relationship where a
ticket can have one
and only one movie
and a movie can have
0 or many tickets.

concession_item		
PK	item_id	SERIAL
	item_name	VARCHAR(50)
	item_price	NUMERIC(4,2)
	inventory	INTEGER

movie		
PK	movie_id	SERIAL
	movie_name	VARCHAR(100)
	movie_length(minutes)	INTEGER
	movie_rating	VARCHAR(5)
	release_date	DATE