

movies		
PK	movie_id	SERIAL
	movie_name	VARCHAR(50)
	runtime	INTEGER
	genre	VARCHAR(20)
	rating	VARCHAR(10)

Movies to ticket is one to many. You can have a movie on a single ticket, or have a movie on multiple tickets.

Tickets to movies are one to one. You will not have more than one movie on a single ticket.

tickets		
PK	ticket_id	SERIAL
	ticket_price	NUMERIC(8,2)
FK	movie_id	INTEGER

Tickets to purchases is 1:1. You will not have a single ticket split among different purchases.

Purchases to tickets will be one to many. A purchase can have many tickets, or just one ticket.

purchases		
PK	purchase_id	SERIAL
	purchase_total	NUMERIC(10,2)
FK	customer_id	INTEGER
FK	staff_id	INTEGER
FK	ticket_id	INTEGER

Staff to purchase is one to many. A staff member can help one or multiple customers in making a purchase.

Purchase to staff is 1:1. Each purchase is linked to one staff member, not multiple.

staff		
PK	staff_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)

Purchase to customer will always be 1:1. You won't have one purchase belonging to multiple different customers. They might have the same things in their purchase, but each purchase belongs to someone else.

customers		
PK	customer_id	SERIAL
	first_name	VARCHAR(50)
	last_name	VARCHAR(50)
	email	VARCHAR(50)
	phone	VARCHAR(10)
	membership	BOOLEAN

Customer to purchase is one to many because you can have one or many customers making a purchase. It wouldn't be zero to many because without a customer buying anything there would not be a purchase.

concessions		
PK	concession_id	SERIAL
	snack_price	NUMERIC(8,2)
	snack_name	VARCHAR(50)

Concessions to purchases will be one to one. Like tickets to purchases, you won't have a single item with that particular ID found on multiple purchases.

Purchases to concessions will be zero to many. Many people can choose to not buy snacks to watch a movie, or they can buy many snacks.