



So, deciding the relationships between each of these boxes was probably the most difficult thing to do with this whole exercise. I started with something that I know will have no foreign keys, and that is the Concessions. The only thing necessary information that Concessions would need would be the id of the item, the description and the cost. It made for an easy starting point. From there, I chose the single customer to multiple concessions relationship because at any given time, one customer can have multiple concessions (popcorn, twizzlers, hotdog, etc) One concession can't feasibly be shared amongst two random customers.

From there I entered the Customer information. I put in the foreign key for concessions in and I added the Foreign key for the Movie ID. I chose to have multiple customers and multiple movie relationship because one customer can see multiple movies over their course of time as customers, and multiple movies can be seen by multiple customers simultaneously.

Lastly, I then put a ticket_id foreign key into movies because I feel like it would be good reference for what ticket prices were depending on what theatre was being showcased. I did the single movie and multiple ticket relationship because one movie can be sold multiple tickets, but one ticket (in most cases) isn't able to be used for multiple movies.