

ERD Explained:

<u>Tables:</u>

In this movie theatre ERD, I have five tables: customers, ticket, movie, consession and items.

<u>Relations Explained :</u>

- 1. customers to ticket is a one to many relations assuming one customer can buy one or more tickets.
- 2. ticket to movie is a one to one relationship as one ticket can be used to watch one movie.
- 3. customers to consession is zero or many relationship as there can be customers who do not buy anything or buy one or more things.
- 4. since, concessions can have many items to deal with, I created a items table. consession and items table have one to many relation as each order at consession can have one or more items.