



Relationship Justifications

1. Customer to Tickets Relationship:

- **One-to-Many:** Each customer can purchase multiple tickets over time. Therefore, the relationship between Customers and Tickets is one-to-many. Each ticket, however, is associated with only one customer. This ensures that we can track which customer bought each ticket.

2. Customer to Concessions Relationship:

- **One-to-Many:** Each customer can purchase multiple concession items. Thus, the relationship between Customers and Concessions is one-to-many. Each concession purchase is linked to a single customer, allowing us to see which customer bought each concession item.

3. Tickets to Movies Relationship:

- **Many-to-One:** Each ticket is for a specific movie screening. While a movie can have many tickets sold for different screenings, each ticket references only one movie. This one-to-many relationship ensures that we can track which movie each ticket is for, and how many tickets have been sold for each movie.