



Justification

Purchase is a child of customer because one customer can make multiple purchases, but each purchase has only one purchaser.

Ticket is a child of purchase so that any number of tickets can be included in one purchase, if it was the other way around the purchase could only reference one ticket (without setting aside multiple columns, one for each possible ticket). The same logic applies to concession orders, which are individual items ordered from the concession stand.

A film can have multiple showings but each showing is a single film.

A screen can have multiple showings (at different times) but each showing is on only one screen.

A screen has many seats in its auditorium but each seat is in front of only one screen.

Showings and seats can show up on multiple tickets but each ticket has only one showing and seat.