



In theory, the customer(cx) can have multiple cart history, while the carts can contain the orders actually purchased by cx. The order then connects to tickets, which links to movies (housing the data for show time/date and which theatre room). The order also links to any added concessions separately since this is an optional add-on when purchasing tickets. For simplicity purposes, I did not create an inventory and brand diagram for concessions, although I believe in real world environment that would be necessary.