



CUSTOMERS: 1 customer can have 0 or many carts, one cart cannot have multiple customers. CART: 1 cart can have multiple orders within it, but each order can only belong to 1 cart. ORDER: Therefore, each order only has 1 customer. Also, each order can have 0 or multiple tickets and 0 or multiple inventory items, but each TICKET is unique and can only belong to 1 order and each specific item in the INVENTORY can only belong to 1 order. MOVIES: Each movie has multiple seats (therefore multiple tickets) but each TICKET is unique and can only belong to 1 movie. VENDOR: 1 vendor can provide a variety of concessions, but each concession can only be provided/made by 1 vendor. CONCESSIONS: each concession can only belong to 1 inventory, however each INVENTORY can contain multiple concessions.