



CARDINALITIES:
 many to many:
 1. sales and product

one to many:
 1. category and product
 2. brand and product

one to one:
 1. user log in and employee ID

ASSUMPTIONS:
 We are creating this POS for a particular store, hence we eliminated the need to use "Branches"

in this ERD, suppliers are referred to as vendors, cart is referred as

note: our product is in sales record entity as sales record acts as the cart that will check whether the following product should be added or removed from the system. hence when a product in a certain quantity is ordered/purchased, it is shown by the sales record entity.

tax has been added to our sales record, we have assumed that one tax value will be applied to the final price of the sale record for that product.