

An inventory is a comprehensive list of all materials especially for a business or organization that holds goods for sale or distribution. An inventory is therefore very useful to help keep track of how much is in stock in order to fulfill orders and to request more inventory if running low or unable to meet present and future demands. Examples of information that can be stored in an inventory consists of raw materials or components, as well as the meta data such as color of the item, size, price, qty, etc... The most important information is the Id and the qty. Being able to identify items uniquely gives an inventory it's power to identify what is what and the corresponding quantity on hand to better predict what needs to be restocked, or when making a sale, if there is enough inventory to meet the current request. Sale systems often tie into an inventory system and is instead mutually exclusive.

-Joel Luthi