

User: | Has username and password | If admin they can create new item descriptions and add new item instances | If not they have a shopping cart and can add/remove items as well as checkout | | Shopping Cart: | A user is assigned a blank one on registration and after each checkout | After checkout this becomes an audit trail that contains all previous transactions | | Item: | An instance of an item description, represents a single physical object that is was either sold or is currently in inventory | Items are displayed as available when they are not in any cart | Item Description: | Contains the name, price, and category of an item as well as contains its picture. | If the is_deleted flag is true then all items of this category are hidden from users (soft delete).