Point of Sale specifications

* Store product in database
  + Product ID
  + Product Name
  + Price
  + Current Discount (percentage)
  + Category
  + Number in inventory
  + Minimum number to keep on hand
* Store records in database
  + Organized by date
* Handle a Sale
  + Allow cashier to enter any number of products by ID, or choose from list
  + Look up prices (adjusted for current discount) of chosen products, add them to receipt
  + Allow cashier to enter a global discount ( from a coupon) and adjust receipt accordingly
  + Interface to confirm/finalize a sale
  + After a sale is complete, update inventory in the database
  + Store all information about the sale in the records database
* Monitor the inventory numbers
  + When an item goes below the minimum number, generate a purchase order
  + Store purchase order in the records database
  + Email the purchase order to a specified email address
* Receive incoming products
  + Allow entry of products by ID or from list- same interface as for a sale
  + Update inventory numbers
  + Store all information about the shipment in the records database
* Administrative tasks
  + Export product database to printable format- including total inventory worth
  + Export printable audit trail data from records database- all, by day, month, year
  + Return values calculated from the records database
    - Inventory worth
    - Income from sales: total, by day, by month, by year
  + Add a new product to the inventory
  + Remove a product from the inventory
  + Manually update all inventory values for a product
  + Enter a discount for a category- overrides current discount for all items in category
    - No Limit
  + Price changing over time (average cost)
* No Returns!!