# Requirement specification

This document specifies the requirements, which is used as a basis for the database design.

The database is to be owned and operated by a large clothing wholesaler. The database is to be used by several types of people.

* Manufactures
* Retailers
* Web-shops
* Internal statistics

1. The manufacturer should be able to add new products and product lines.
2. The same products may be produced by different manufactures.
3. The Retailers should be able to see the different products prices, including details about the manufacturer.
4. Customers should be able to see products and prices, yet not from individual producers.
5. The profit margin for the wholesaler must be automatically calculated.
6. The sales statistics must be viewable.
7. The retailers and webshops may only see their own prices and the list prices.
8. The manufacturers may see all products but not the prices.
9. A customer may see their own purchases.
10. A webshop may see all sales relating to it.
11. A Retailer may see all purchases relating to itself.
12. Only the wholesaler may create new Manufactorers, Retailers and Webshops.
13. Only Webshops may create Customers.
14. Only Webshops may create Webshop Sales.
15. Only Wholesalers may create RetailerSales and ManufactorerPurchases and Products.

# Scenarios

## Manufactorer

1. A manufacturer should be able to offer a new product
2. A manufacturer should be able to make a bid on a product produced by another manufacturer
3. A manufacturer should not be able to see any other prices then their own.

## Web-shop

1. It should be able to set up a web-shop which offers a subset of products.
2. Different retailers may have different prices for the same product.

### Customer

1. A customer of a web-shop must be able to purchase the products offered by the web-shop
2. A customer may have a discount plan
3. A customer must be able to see his or her shopping history.

## Retailer

1. A retailer may purchase any product.
2. Different retailers may have different prices for the same product.
3. A retailer may have a

## Wholesalers

1. It must be possible to extract sales statistics.
2. If a Manufactorer wishes to sell a new product the WholeSaler creates the product and a price is agreed on.
3. If a purchase is to be made from a manufacturer the wholesaler updates the purchases accordingly.
4. If a Retailer wishes to buy a new product a price is agreed on and the wholesaler updates the link accordingly.
5. …