Introduction

Requirements

Scenarios

Purchasing from manufactorer

1. The wholesaler places an order with the manufactorer supplying a reference number and enters the order in ManufactorerOrders.
2. The manufactorer sends an order confirmation to the wholesaler who verifies it and enters it in the ManufactorerOrderConfirmations.
3. The manufacturer sends an invoice to the Wholesaler who verifies it and enters it in the ManufactorerInvoices.
4. When the order is received the shipping manifest is compared to the order and the products are added to the ManufactorerReceptions
5. When the invoice is to be paid the payment is made and the ManufactorerInvoices is updated to reflect that the payment is done.

Customer purchasing product

1. The customer places an order with the web-shop and an entry is added to the CustomerOrders
2. An order confirmation is generated and sent to the customer.
3. The order is packaged and shipped and the shipping manifest is added to CustomerDeliveries
4. An invoice is sent to the customer and it is entered in the CustomerInvoices
5. If the customer paid via credit card the money is withdrawn from the customer’s accont and the CustomerInvoices is updated accordingly.
6. If the customer pays the invoice manually the CustomerInvoices is updated when the money is received.

Design

ER-diagram

Functional Dependenciesh

Performance and indexes

Transactions