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"Best Car Online"

For this project we decided to make a very basic webshop by keeping things nice and simple. We took inspiration from previous labs (Sukky Cars) and decided to develop it further by making it into a real webshop. This webshop doesn't have a shopping cart but it has all the other necessary function and they work great. The shopping cart would have been a bit strange for an online vehicle shop.

Database

So after we had the idea of what kind of a webshop it was going to be, we started designing the database.

Tables in our database are following:
- categories
    - categoryID
    - category
- orders
    - orderID
    - userID
    - sum
    - active

The active row in orders is for the admin to "ship" orders and for the user to cancel order before they are shipped. Active = 1 is the default and when order has been shipped it will be turned to 0.

- orderdetails
    - orderID
    - userID
    - productID
    - quantity
- users
    - userID
    - username
    - password
    - firstname
    - surname
    - email
    - streetaddress
    - postalcode
    - city
    - country
    - phone
    - rights

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The rights column in users determines whether the user is a standard user for customers, or an admin user. The default for rights is 0 and 1 for admins.

- products
    - productID
    - categoryID
    - productName
    - description
    - price
    - year
    - quantity
    - image
    - deleted

Deleted default is 0, if product is deleted it will be set to 1. All products stay in database even if they are not sold anymore. This is to prevent database relation breakdown.

Features

These are the features of the webshop:
- for the customer:
    - registration
    - product listing by categories
    - ordering
    - changing user information
    - changing password
    - browsing previous orders
    - canceling orders

- for the admin:
    - adding products and removing products
    - changing product information
    - order listing
    - "shipping" active orders

Work distribution

We tried to make it so that both would do 50 % of the work. One of us did most of the structural work and while the other could focus more on the features. In the end, we both contributed an even amount of work and both of us had always something to work on.

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Joel did the most of the structure and admin side, while Oskar did the user side and product listing.

Final words

On our previous courses we've had several projects in quite large groups (3-6 members) and this one was the first project done as a pair. Two people on a project like this was just perfect. Both of us had constantly something to do and therefore we also learned more. A third member would have been too much.

We both learned new skills in terms of web programming and project management.