Web Store

The purpose of the project is to develop web based system for online shopping.

Basic Business Requirements

The system must provide the following functionality:

- Registry with products with the following actions:
    o Add product
    o Edit product
    o Delete product
    o Search for a product – by Name, Type, Price, Quantity
- Registry with customers with the following actions:
    o Add customer
    o Edit customer
    o Deactivate customer
    o Search for a customer – by Name, PID, Date of birth, Address
- Registry for ordering products with following actions:
    o Add new order – by choosing products, product quantities
    o Edit order
    o Calculating overall purchase price (quantity multiplied by price)
    o Search for orders – by Product, by Customer name, Date of Purchase

Advanced Business Requirements

Additionally the system can provide the following functionality:

- Login page
- Administration registry for users with the following actions:
    o Create user – can be administrator or user
    o Deactivate user
    o Search for user – by Username, Name, Type, Status
- Secure the application so that only authenticated user can pass the login page
- Add authorization so that only admin users can:
    o Create/Edit/Delete products
    o Create/Edit/Deactivate users
    o Refund orders
- Add option for the user to edit his own details
- Logout with redirect to the login page

"Nice to have" Business Requirements

Nice to have features are:

- System log – keeping log for occurred exceptions
- User log – keeping log for the user actions
- Common error handling page – all runtime exceptions to lead to common page
- Styling – style the pages

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