ScExpress

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The Application

Our application's goal is to manage a supermarket online store

❖ As a manager in our system the main purpose of the application is to be able to manage the online store, you can edit the inventory (add/remove or update products), make discounts, change order's status and even block or unblock clients.

❖ As a client in our system the main purpose of the application is to be able to buy products from the store, you can search products, add them to the cart and do a checkout, also you can watch your personal orders history, and even rate the site.

Our Additional Requirements

Manager:
- ❖ Search a product by name/serial number
- ❖ Watch average site rating
- ❖ Block/unblock clients
- ❖ Enable/disable a discount
- ❖ View daily economy balance
- ❖ Inventory check
- ❖ Log out

Client:
- ❖ Club member
- ❖ Search product by name
- ❖ Watch average site rating
- ❖ Watch current cart
- ❖ Remove from cart
- ❖ Deliveries
- ❖ Site rating
- ❖ Log out
- ❖ Payment - not optional

None functional:
- ❖ Extreme scenarios & overloading
- ❖ Website security
- ❖ Voltage drops & internets reception

Technologies Used In Our Application

❖Language: C
❖Workspace: Visual Studio
❖Code hosting platform: GitHub

Main Tests

Manager:
- Registration
- Login
- Add product
- Inventory check
- Change order status
- View all orders
- Logout

Client:
- Registration
- Login
- Search product by name
- Add product to cart
- View current cart
- Buy cart
- Logout

Our Challenges

❖Time management

❖Code sharing

❖Teamwork

❖General schedule for meetings

❖Using GitHub (at the beginning)

❖Verbal presentations of assignments

❖Self learning