BGG

This application is for shops where you can’t buy products, but you can order it for example like in a furniture warehouse. The users of this application are the sellers in the shop. They handle the needs of the customers easily trought this application. All users have an account, with this account they can log in and the user id identifies the user in the system.

What users can do with the application:

* get stock information from products
* can add or modify orders for customers
* can save new customers in the system or modify the informations of existing customers
* can create a bill
* make reports
* modify profile.

All user, costumer, product and order data are stored in the application's database. The main task of this application is to handle information in the database trought a simple interface.

This interface can be opened in a web browser, and is connected directly to the database. If a user changes something on the interface, this change has a direct effect on the database. And a change in the database changes the view of the interface. The application has a menu for products, customers and orders with buttons for every possible activity (add, delete, modify). All the information from the database appears in a table, in the middle of the screen. The user can search in the db with a search bar, and can also change the sort order. To create the reports, the application has a different menu where the user can do reports for sellers, and products for a selected time period.

The application will create the bill in txt format. It will contain the name, address and invoice number of the company. Furthermore the name of the seller and informations about the order. The txt file will look like an ordinary bill which you get in a shop.

When a seller wants to change information about his profile, he can change almost everything. He can upload a profile picture, change his name, birthdate and email-address. If the seller forgets his password he can ask for a new one and if he wants to change his password, that is also possible in the application.

* add new order
  + add new product to the order
    - search for product
      * check product quantity in database
        + can’t order product which isn’t in stock

search for other product

return to order page

* + - * find two or more products with the same name
        + check product details
      * select product
        + can’t order product if in stock is 0
        + can only order stock quantity or less
      * select quantity of the product
  + add multiple products
  + no product added
    - can’t create order
  + select date for order
    - can select date from now into the future
    - if date in the past, selection disabled
  + no date selected
    - can’t create order
  + select customer
    - find two or more customers with the same name
      * check customer details
    - modify customer details
      * modify address
  + no customer selected
    - can’t create order
  + save order
* modify existing order
  + search for existing order
    - order doesn’t exist
      * search for other order
      * return to order page
    - find two or more orders with the same name
      * check order details
    - order found
      * modify date
        + can only modify to now or future date
        + if date in the past, selection disabled
      * modify customer
        + modify name

name can’t remain empty

* + - * + modify address

address can’t remain empty

* + - * modify proucts
        + modify quantity
        + delete product
      * add product
        + select quantity of the product
* delete order
  + user doesn’t have the right to delete order
    - disable delete button
  + user has the right to delete order
    - search for order
      * order doesn’t exist
        + search for other order
        + return to order page
      * find two or more orders with the same name
        + check order details
      * order found
        + delete order
* generate invoice
  + generate invoice right after creating and saving order
  + search for existing order
    - find two or more orderd with the same name
      * check order details
    - order found
      * generate invoice
        + system automatically adds order details on the invoice
        + system adds BGG shop details on invoice
        + system generates total value of products