E-SHOPPER

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HW2

June 7, 2021

1 Introduction

In this assignment, an online shopping site was created using the php programming language. Its name is e-shopper. Users, products and orders are kept in the database. Users are divided into two classes based on their roles: customer and admin. Admins can create new admins, add or delete products, update products or search for products. Customers can view products according to their categories, sign in to the system, add products to their carts and buy.
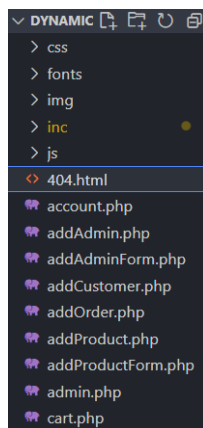
2 File Structure

Figure 1: File Structure

As seen in Figure 1, there are 5 more folders under the Dynamic folder. 'css' folder holds style files. The 'fonts' folder contains files related to the font style. The 'img' folder holds the photos used on the site. The 'inc' folder stands for include and contains codes

that will be used in multiple files. 'js' folder holds javascript files. Php and html files are kept in the parent folder.
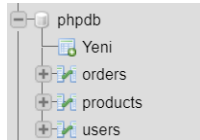
3   Database

Figure 2: Database Structure

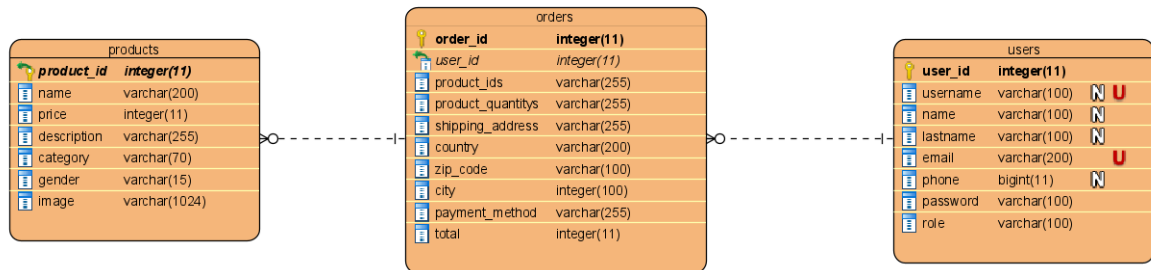My database name is 'phpdb'. There are 3 separate tables in the phpdb database. These are: orders, products and users.

Figure 3: Database Tables

4   Pages

4.1   Sign Up & Login Page

All users log in to the system from this page. If there are users who are not registered in the system, they must first register in the system. Because before logging in, it is checked whether the user is registered in the database. Depending on whether the user is an admin or a customer, cross-page redirection is made. If the customer will register to the system, newly added customers are added to the users table.

Figure 4: Sign Up & Login Page

4.2   Admin Panel/Interface

Figure 5: Admin Panel

If the user is logged into the system as admin, s/he will see the page in figure 5. On this page, s/he is directed to the relevant page by selecting the action s/he wants to perform from the left side.

4.2.1   Search Product

Admin enters the name of the product s/he wants to search, and the products with the entered name are listed by connecting to the database.

Figure 6: Search Product

4.2.2 Add Product

Admin fills the information in the given form to add a new product to the system. Added products are kept in the products table.

Figure 7: Add Product

4.2.3 Update Product

Admin first selects the product s/he wants to update, then changes the information s/he wants to change about the product in the page that opens.

Figure 8: Update Product

4.2.4 Delete Product

The admin deletes the product from the database by clicking the 'Delete' button under the product s/he wants to delete.

Figure 9: Delete Product

4.2.5 Create New Admin

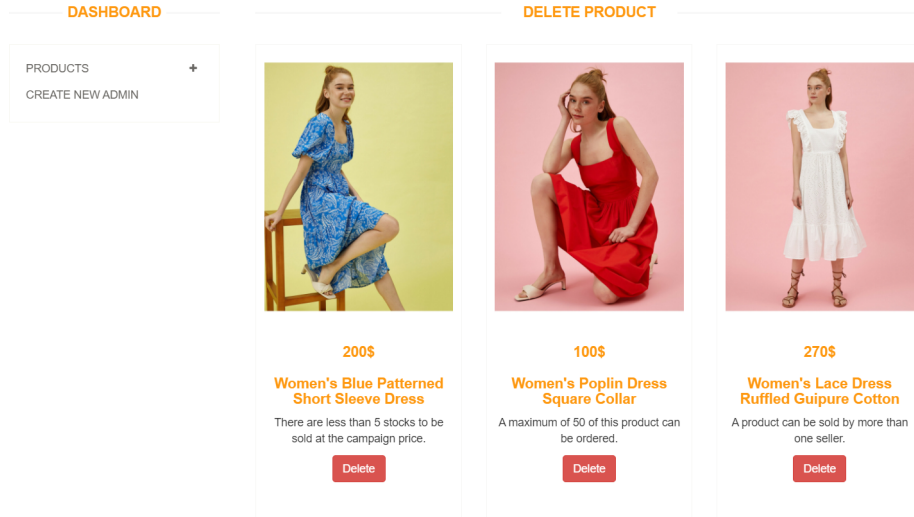Admin has the opportunity to add new admin to the system as well as delete and change products. After the admin fills in the required information, a new user can be added to the database as admin. Added admins are kept in the users table.

Figure 10: Create New Admin

4.3   Customer Interface without LOGIN

When customers do not log in to the system, they cannot see their names on the navigation bar. In addition, they will see a warning in their cart saying 'Please sign in!!'. Products cannot be added to the cart or purchased without logging in.

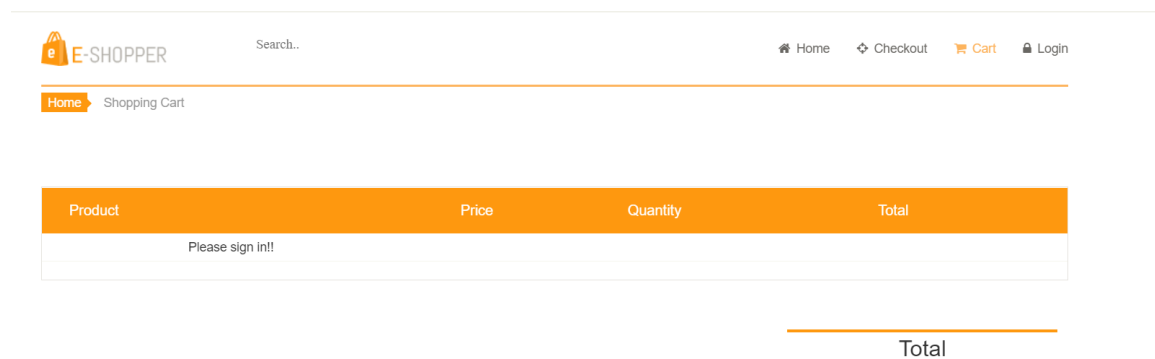*Figure 11:* Navigation Bar without Login

Figure 12: Cart without Login

4.4   Customer Interface with LOGIN

The customer logging into the system sees a field on the navigation bar where his/her name is written. You can update your own user information from this section. In addition, the customer can place an order by adding products to his/her cart.

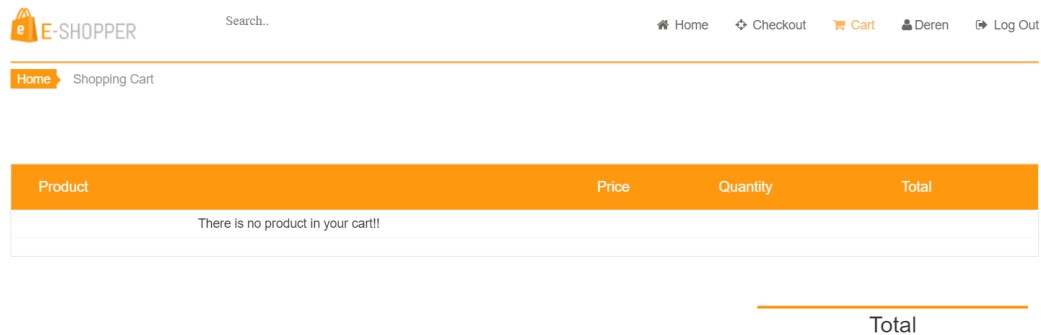*Figure 13:* Navigation Bar with Login

Figure 14: Cart with Login

4.4.1 Update Personal Information

A logged in customer can view her/his current information by clicking on her/his name in the navigation bar. Then, by clicking the 'Update Information' button, s/he can enter her/his new information in the form that opens and update her/his information by pressing the 'Update' button. These changes are actively reflected on the website.
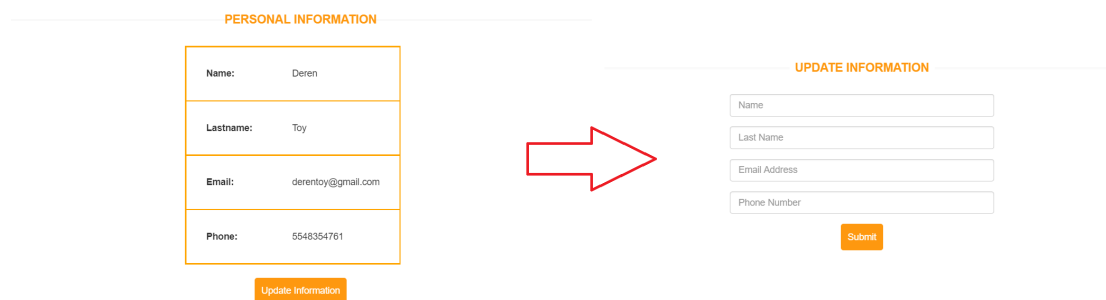

Figure 15: Update Personal Information

4.4.2 View/Search Product

Customers can list products by name using the 'Search' form in the navigation bar. In addition, they can list the products according to the category they want from the menu on the left. The following example lists men's t-shirts.
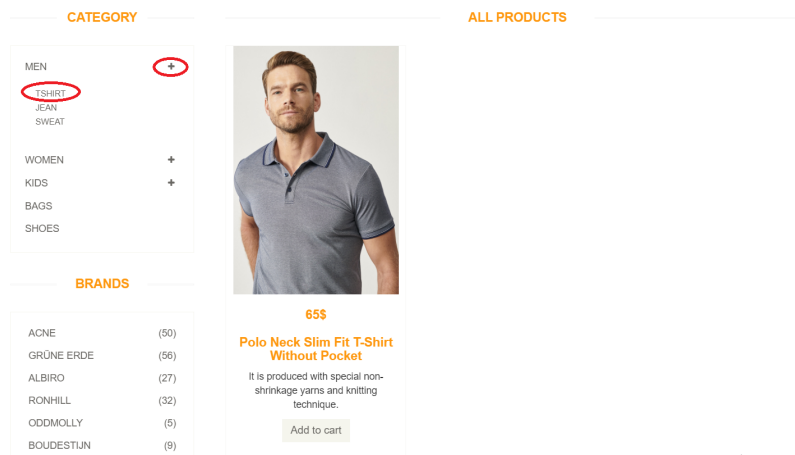
Figure 16: Men's Tshirts

4.4.3 Add Product to the Cart

Customers select the products they want to add to their carts from the homepage and click the 'Add to Cart' button. The products added to the cart appear as Figure 17.
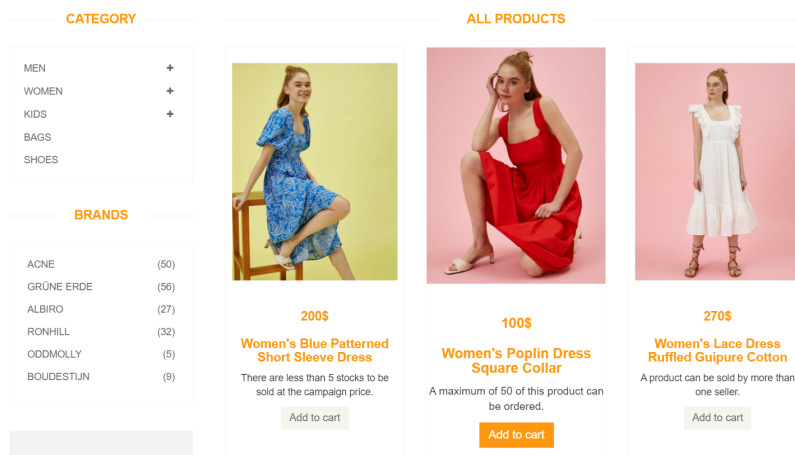

Figure 17: Add to Cart

4.4.4 Remove Product from the Cart

Products on the Cart page can be deleted from the cart by pressing the close icon on the right side. The products on this page are kept in session. The total price of all products can be seen at the bottom of the page.
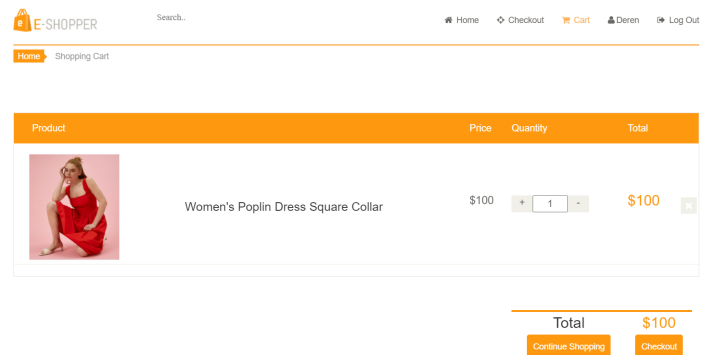
Figure 18: Cart Page

If more than one of the same product is added, its quantity is increased. From this page, the customer can proceed to the payment step by clicking the 'Checkout' button or continue shopping by clicking the 'Continue Shopping' button.

4.4.5   Checkout Page

The customer comes to this page to confirm his/her cart. S/He fills in the necessary information such as shipping address and payment method from the form that appears on this page. The customer, who sees the products s/he will buy, the number of products and the total amount to be paid on this page, clicks the 'Buy' button to confirm his/her order after making the necessary checks. This order is added to the orders table and the shopping cart is cleared.

Figure 19: Checkout Page

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4.5 Log Out

Users can log out of the system by clicking 'Log Out' on the navigation bar. If a customer is logging out of the system, the products that s/he has not purchased in his/her cart are deleted.

☐ Log Out

Figure 20: Log Out

4.6 404 Not Found

If any user tries to access a page that does not have permission to access directly, he or she will see a message stating that the page cannot be found.
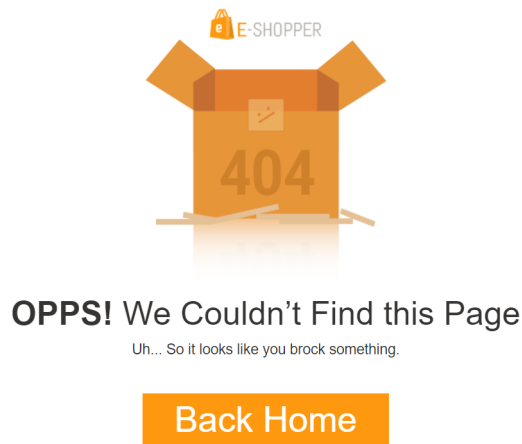

OPPS! We Couldn't Find this Page

Uh... So it looks like you brock something.

Back Home

Figure 21: Not Found

5 Conclusion

At the end of this assignment, I learned how to add data to database, delete data from database and change existing data using php. I have experienced the construction of an online shopping site on a simple level.

6 References

Template original link: https://www.free-css.com/free-css-templates/page203/e-shopper