

# **Bazaar – php example code – part 9 – cart and other notification icons**

Article will focus on implementation user cart icon with display of number and total price for items in main menu page. For further visual improvement we use graphical icon with text. Also sell icon with link to sellitem page is added.

## **Expectation from cart icon display**

Cart notification icon is small graphic remainder of number of items added into a cart and actual total price for pay.

Our implementation will offer these functionalities:

- contain graphic depiction of cart
- show total number of items in a cart
- show total price that will be paid for all items in a cart
- must be includable into a other bazaar pages
- cart must be visible only for registered and logged in users

## **Visual implementations of cart icon**

Next part provide further depiction of cart icon shown in upper part of logged in user pages.



Cart item of user admin with id - 10 are:

Name	Price	Category	Screenshot1	More info
Garden scisors - green	9.50 €	garden/scisors		>> Remove from cart
Computer science - used - good quality	55 €	books/computer		>> Remove from cart

Total price for items in cart: 64.5 €

Your delivery adress is:

Please check your contact and delivery info, these information are important for seller of the items for correct contact and delivery!

e-mail:	First name:	Last name:
<input type="text" value="admin@admin.sk"/>	<input type="text" value="Firstname example"/>	<input type="text" value="Lastname"/>
Adress in form - Street Nr.:		
<input type="text"/>		

Cart icon implemented in upper part of cart page (gray block)

**Code of the cart icon and including into a page**

In a next rows you can look at way how cart icon is

implemented in script named cart\_icon.php.

```
<!--
*****
* ->
<!-- PHP included code for cart icon with number of items displaying ->
<!--
*****
* ->
<!-- Vrsion: 1.0          Date: 17. - 18.10.2020 by CDesigner.eu
->

<!--
*****
* ->
<?php
    $_user_id = $_SESSION['users_id'];
    $_number_of_items_in_cart = "-";
    $_total_price = "0";
    /******
    * Count number of items in cart and total item price
    */
    /* Attempt MySQL server connection. Assuming you are running MySQL
    */
    $dbc = mysqli_connect(DB_HOST, DB_USER, DB_PW, DB_NAME);

    // Check connection
    if($dbc === false){
        die(„ERROR: Could not connect to database – stage of article listing. “ . mysqli_connect_error());
    }

    // read all rows (data) from guestbook table in „test“ database

    $sql = „SELECT * FROM bazaar_item WHERE cart_number=“ . $_user_id . “ ORDER BY item_id ASC „; // read items marked in cart_number with appropriate users_id
    /******
    ******/
```

```

        /* Output in Table – solution 1 – for debugging
data from database */
        /*****
*****/
        // if data properly selected

        if($output = mysqli_query($dbc, $sql)){
            if(mysqli_num_rows($output) > 0){
// if any record obtained from SELECT query
                // create table output

                $_total_price = 0; // initialize variable
calculating total price for items in cart
                $_number_of_items_in_cart =0;
                while($row = mysqli_fetch_array($output)){
//next rows outputed in while loop

                    $_total_price += $row[,'price_eur']
;

                    $_number_of_items_in_cart += 1;

                }

                // Free result set
                mysqli_free_result($output);
            } else {
                echo „“; // if no records in table
            }
        } else {
            echo „ERROR: Could not able to execute $sql. “
. mysqli_error($dbc); // if database query problem
        }
        // Close connection
        mysqli_close($dbc);
//debug
        echo „&nbsp; &nbsp; &nbsp; &nbsp; &nbsp; <span class=“cart“> <a
class=“navbar-
brand“ href=“cart.php“> <img id=“cart“ src=“./images/small_car
t.png“ alt=“cart small icon“ width=“35“ height=“35“><strong>(,
.$_number_of_items_in_cart .‘) , $_total_price .‘ €</strong
></a> </span>‘;

```

```
// add some space with &nbsp;
?>
```

Our code obtain users\_id of currently logged in user from session variable, then go through all rows in bazaar\_item table that are marked by users\_id (they are added into a cart). If current row id marked by users\_id of currently logged user then increment number of items and accumulate price of items by price of that item.

In next part of code snippet is cart\_icon.php included in headermenu.php and header menu is included (required\_once) in all pages that in some way implement menu. In this way we created decomposition and make our code much more modular.

```
<!--
*****
** ->
<!-- PHP header menu  of bazaar for including
        ->
<!--
*****
** ->
<!-- Vrsion: 1.0          Date: 22. - 22.11.2020 by CDesigner.eu
        ->
<!--
*****
** ->
<?php
    // generate menu if user is logged in or not
        // old solution with cookies if(isset($_COOKIE['usern
ame'])) { // logged in user
            require_once('headerlogo.php');

            if(isset($_SESSION['username'])) { // logged in use
r
```

```

        echo ,<div id="menu">';
                echo ,<a class="navbar-
brand" href="index.php"> Bazaar – best items for a best prices!</a>';
                echo ,<a class="navbar-
brand" href="editprofile.php"> Edit profile </a>';

        if(isset($_SESSION[,user_role'])=='admin') { /
/ if logged user is admin role
                echo ,<a class="navbar-
brand" href="admin.php"> Manage your page </a>';
        };
                echo ,<a class="navbar-
brand" href="logout.php"> Logout <b><span id="username">' $_SESSION[,use
rname'] .'</span></b></a>';
        echo ,</div >';
        require_once('sell_icon.php'); // graphic menu
item for selling your items
                echo ,<a class="navbar-
brand" href="rss.php"><
/a>'; //rss feed link
                require_once('cart_icon.php'); // small cart ic
on in menu

    } else { // visitor without login
        echo ,<div id="menu">';
                echo ,<a class="navbar-
brand" href="login.php"> Log In </a>';
                echo ,<a class="navbar-
brand" href="signup.php"> Sign Up for better membership! </a>';

                echo ,<a class="navbar-
brand" href="index.php"> Bazaar – best items for a best prices!</a>';
        echo ,</div >';
    };

```

```
?>
```

And final way how headermenu.php is called in our bazaar pages

... code omitted ...

```
<body>
  <nav class="navbar „>
    <div id="header_container_1060">
      <div class="navbar-header">
        <?php
          require_once(,headermenu.php,); // including menu i
tems
        ?>
      </div>
    </div>
  </nav>
  <div class="container" id="container_1060">
... code omitted ...
```

## Conclusion

Cart\_icon.php fulfill our expectation for good way how to constantly inform our customer about all items added to buy. Problem decomposition by implementing them into a headermenu.php and text to all pages is solution for further code maintainability.

Full code of bazaar app can be obtained from github here.