

Bazaar – php example code – part 8 – shopping cart of user

Article focus on way of implementation of user shopping cart. Our `bazar_item` table is altered for new field `cart_number`. If cart number is zero, item is not added into a buyer cart. After adding item into a cart, this number is changed to a number of buying user. Showing content of cart relays on display `bazaar_itmes` marked by `users_id` of appropriate user.

Way how to implement shopping cart

Shopping cart will display all items added by appropriate user for further revision and commitment to buy.

In our cart page we must be able to do:

- display all items added to buy by a single user
- enable delete items from cart
- calc total price for items in cart
- delivery adress can be updated by `editinfo.php` page, here is only displayed content
- after definitive submitting, send info to seler by e-mail about succesfull buy

Cart is available only for loged in users, also loged in user can commit buy to a seler/ sellers of selected items.

For further improvement or consideration is way how to inform sellers about succesull buy. Our simle solution send one e-mail for one item. But there is not a small possibility, tahat

cart can contain more items from one seler. For all of these items is send to seler one buy commitment request.

Visual look of shopping cart

Next pictures show content of our shopping cart and related scripts output.



Cart item of user admin with id - 10 are:

Name	Price	Category	Screenshot1	More info
Computer science - used - good quality	55 €	books/computer		Remove from cart

Total price for items in cart: 55 €

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:
admin@admin.sk	Firstname example	Lastname
Adress in form - Street Nr.:		
Street 678		
City:		
City 17		
ZIP code in form XXXXX:		
00002		

If any of displayed info need correction, please visit your profile page [here](#).

For confirmation of buy select YES and click on red button below:

☐ Yes
☒ No

I CONFIRM THE PURCHASE WITH THE OBLIGATION TO PAY

Shopping cart frontend

The selected operation cannot be performed. Please select YES for further buy confirmation.

Bazaar - best items for a best prices! [Edit profile](#) [Logout admin](#)
[Manage your page](#)



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Address in form - Street Nr.:		
Street 678		
City:		
City 17		
ZIP code in form XXXXX:		
00002		

If any of displayed info need correction, please visit your profile page [here](#).

For confirmation of buy select YES and click on red button bellow:

☐ Yes
☒ No

[I CONFIRM THE PURCHASE WITH THE OBLIGATION TO PAY](#)

Displayed info about not selected comitting YES for BUY

Your seller of Garden scissors - green was successfully contacted via e-mail.
Your seller of Garden scissors - green small was successfully contacted via e-mail.
Your seller of Computer science - used - good quality was successfully contacted via e-mail.



Cart item of user admin with id - 10 are:

Name	Price	Category	Screenshot1	More Info
Garden scissors - green	9.50 €	garden/scissors		» Remove from cart
Garden scissors - green small	7.50 €	garden/scissors		» Remove from cart
Computer science - used - good quality	55 €	books/computer		» Remove from cart

Total price for items in cart: 72 €

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:
admin@admin.sk	Firstname example	Lastname
Address In form - Street Nr.:		
Street 678		
City:		
City 17		
ZIP code in form XXXXX:		
00002		

If any of displayed info need correction, please visit your profile page [here](#).

For confirmation of buy select YES and click on red button below:

☐ Yes
☒ No

I CONFIRM THE PURCHASE WITH THE OBLIGATION TO PAY

Successfully submitted buy with notification about contacting of sellers for that items

Implementation of shopping cart

Next code shows how shopping cart is implemented in our application.

```
<!--
*****
*** ->
<!-- PHP „self“ code showing content of items added into a
cart ->
<!--
*****
*** ->
<!-- Vrsion: 1.0          Date: 1.11.2020 by CDesigner.eu
->

<!--
*****
*** ->
<!-- ***** MEMO – base is from index.php – show all
items with cart_number = session(users_id) + calc total summ,
create remove from cart link with removefromcart.php show
address for delivery and button submitt to buy
***** ->
<?php
    require_once(,appvars.php'); // including variables for da
tabase
    session_start(); // start the session – must be added on a
ll pages for session variable accessing
    // solution using SESSIONS with COOKIES for longer (30days
) login persistency

    if(!isset($_SESSION[,users_id'])) { // if session is no mo
re active
        if(isset($_COOKIE[,users_id']) && isset($_COOKIE[,user
name'])) { // but cookie is set then renew session variables a
```

```

long them
    $_SESSION[,users_id'] = $_COOKIE[,users_id'];
    $_SESSION[,username'] = $_COOKIE[,username'];
    $_SESSION[,user_role'] = $_COOKIE[,user_role']; //
added for role
    }
}
// two variables for message and styling of the message with
bootstrap
$msg = "";
$msgClass = "";
// default values of auxiliary variables
$name_of_item = "";
$price_eur = "";
$subcategory_id = "";
$users_id = "";
$item_add_date = "";
$subcategory_id = "";
$published = false;
$screenshot1 = "";
$screenshot2 = "";
$screenshot3 = "";
$item_description = "";
$is_result = false; //before hitting submit button no result
is available

// Control if data was submitted
if(filter_has_var(INPUT_POST, 'submit')) {
    // Data obtained from $_postmessage are assigned to local
    variables
    if($_POST[,confirm'] == ,Yes, ){ // if user selected
YES and hit Buy button on below of the page
        //read all data from $_POST array
        $users_id = htmlspecialchars($_POST[,users_id']);
        /*****
*****
        *    obtain data about buyer
        */
        // read data about buying user with users id from
database
        // make database connection

```

```

        $dbc = mysqli_connect(DB_HOST, DB_USER, DB_PW, DB_
NAME);

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

        //– only one needed – getting users data for purcha
se e-mail
        $sql = „SELECT * FROM bazaar_user WHERE users_id =
„.“, $users_id'“.“LIMIT 1” ;
        if($output = mysqli_query($dbc, $sql)){
            if(mysqli_num_rows($output) > 0){ // if any r
ecord obtained from SELECT query

                while($row = mysqli_fetch_array($output)){
                    //next rows outputed in while loop
                    $first_name_buyer = $row[,first_na
me'];
                    $lastname_name_buyer = $row[,lastn
ame_name'];
                    $addressss_buyer = $row[,addresss']
;

                    $city_buyer = $row[,city'];
                    $ZIPcode_buyer = $row[,ZIPcode'];
                    $email_buyer = $row[,email'];

                }

                // Free result set
                mysqli_free_result($output);
            } else{
                echo „No info about buyer obtained.“; // i
f no records in table
            }
        } else{
            echo „ERROR: Could not able to execute $sql. “
. mysqli_error($dbc); // if database query problem
        };
    }
}

```



```

/*****
*****
        *    obtain data bought items from this buyer with
users_id defined by current SESSION
        */
        //get info about sold items – we must go through a
ll bought items and send email one by one for all different sel
ers of item (first approach for all item one)
        $sql = „SELECT * FROM bazaar_item WHERE cart_numbe
r = „.$users_id'“ ;
        if($output = mysqli_query($dbc, $sql)){
            if(mysqli_num_rows($output) > 0){ // if any r
ecord obtained from SELECT query

                while($row = mysqli_fetch_array($output)){
//next rows outputed in while loop
                    $item_id = $row[,item_id'];
                    $name_of_item = $row[,name_of_item
'];

                    $price_eur = $row[,price_eur'];
                    $users_id_of_seller = $row[,users_
id'];

/*****
*****
                *    sent info to seller item by it
em in the buyer cart
                */
                    // send appropriate e-
mails about buy items by items
                    // validate e-mail
                    if(filter_var($email_buyer, FILTER
_VALIDATE_EMAIL) === false){
                        // E-mail is not valid
                        $msg = ,Wrong e-
mail format of buyer, purchase can not be created. Please cont
act page admin.';

                        $msgClass = ,alert-danger';
                    } else {
                        // E-mail is ok

```

```

$is_result = true;
/* request e-mail of seller */
/*****

*****

* obtain e-mail of
appropriate seller – this is done for all buying items one by
one

*/
$sql2 = „SELECT email FROM baz
aar_user WHERE users_id = „.$users_id_of_seller'“ ;
if($output2 = mysqli_query($db
c, $sql2)){
    if(mysqli_num_rows($output
2) > 0){ // if any record obtained from SELECT query

        while($row = mysqli_fe
tch_array($output2)){ //next rows outputed in while loop
            $email_of_seller =
            $row[,email'];

        }

        // Free result set
        mysqli_free_result($ou
tput2);

    } else{
        echo „No email about s
eller can be obtained.“; // if no records in table
    }
    } else{
        echo „ERROR: Could not abl
e to execute $sql2. “ . mysqli_error($dbc); // if database que
ry problem
    };

    /*****

*****

* construct information e-mails
about item buy one by one for all items in cart

*/

```

```

        $toEmail = $email_of_seller; /
/!!! e-mail address to send to
        $subject = ,Item ,.$name_of_it
em.' purchased on Bazaar by ,.$first_name_buyer.' ,.$lastname_
name_buyer;
        $body = ,<h2>Item ,.$name_of_i
tem.' was succesfully purchased by : ,.$first_name_buyer.' ,.$
lastname_name_buyer.'</h2>
        <h4>Delivery adress for th
is purchase is: </h4><p>'.$addresss_buyer.',</p><p> ,.$city_bu
yer.' , </p><p>'.$ZIPcode_buyer.'</p>
        <h4>Email</h4><p>E-
mail of buyer is' .$email_buyer.' this e-
mail can be used for further communication.</p>
        <h4>Selling price was:</h4>
><p' .$price_eur.' €.</p>
        ,;
// Email Headers
        $headers = „MIME-
Version: 1.0” .“\r\n”;
        $headers .=“Content-
Type:text/html;charset=UTF-8” . „\r\n”;
// Additional Headers
        $headers .= „From: “ .$first_n
ame_buyer. „<„.$email_buyer.“>“ . „\r\n”;

        if(mail($toEmail, $subject, $b
ody, $headers)){
                // Email Sent
                $msg .= ,<p> Your seller o
f ,.$name_of_item.' was successfully contacted via e-
mail.</p>';
                $msgClass = ,alert-
success';
        } else {
                // Failed
                $msg = ,Information about
your buy cannot be delivered to seller via e-
mail. Please contact site admin for further help.';
                $msgClass = ,alert-

```

```

danger';

    }

}

}

// Free result set
mysqli_free_result($output
);

    } else{
        echo „No info about buyer
obtained.“; // if no records in table
    }
} else{
    echo „ERROR: Could not able to
execute $sql. “ . mysqli_error($dbc); // if database query pr
oblem
};

// close database connection
mysqli_close($dbc);

} else {
    echo „<p class=“alert alert-
danger“ > The selected operation cannot be performed. Please s
elect YES for further buy confirmation. </p>“;
}

};

?>
<!-- ***** ->
<!-- HTML code containing Form for submitting ->
<!-- ***** ->

```

```

<!DOCTYPE html>
<html>
<head>
    <title> Bazaar Cart </title>
    <link rel="stylesheet" href="./css/bootstrap.min.css"> <!--
bootstrap mini.css file ->
    <link rel="stylesheet" href="./css/style.css"> <!-- my local
css file ->
    <script src="https://code.jquery.com/jquery-3.1.1.slim.min
.js" integrity="sha384-
A7FZj7v+d/sdmMqp/n0QwliLvUsJfDHW+k90mg/a/EheAdgtzNs3hpfag6Ed95
0n" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js" integrity="sha384-
DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1DkWx51bB
rb" crossorigin="anonymous"></script>

</head>
<body>
    <nav class="navbar navbar-default">
        <div class="container">
            <div class="navbar-header">
                <?php // generate menu if user is logged in or not
                // old solution with cookies if(isset($_COOKIE['username'])) { // logged in user
                if(isset($_SESSION['username'])) { // logged in user
                    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>';
                    echo '<a class="navbar-brand" href="logout.php"> Logout , $_SESSION['username'] . '</a>';
                    if(isset($_SESSION['user_role'])=='admin') { //
                    // if logged user is admin role
                        echo '<a class="navbar-brand" href="admin.php"> Manage your page </a>';
                    };
                    require_once('sell_icon.php'); // graphic menu

```

item for selling your items

```
require_once('cart_icon.php'); // small cart icon in menu
```

```
    } else { // visitor without login
        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>';
    }
```

```
?>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<div class="container" id="container_1060">
```

```
<?php if($msg != ""): ?>
```

```
    <div class="alert <?php echo $msgClass; ?>"><?php echo $msg; ?></div>
```

```
<?php endif; ?>
```

```
<br>
```

```

```

```
<br>
```

```
<h4> Cart item of user
```

```
<?php echo $_SESSION['username']; // creating title of cart for users
```

```
    echo " with id – {$_SESSION['users_id']} are :";
```

```
?>
```

```
<br>
```

```
</h4>
```

```
<!-- Showing content of the cart of appropriate user with items marked with users_id in filed cart_number -->
```

```
<?php
    /* Attempt MySQL server connection. Assuming you are running MySQL
    server with default setting (user 'root' with no password) */
    $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
    $_usr_id = $_SESSION['users_id'];
    $sql = „SELECT * FROM bazaar_item WHERE cart_number=“.$_usr_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 from guestbook database table

    echo „<br>“;

    echo „<br>“; echo „<br>“;
    if($output = mysqli_query($dbc, $sql)){
        if(mysqli_num_rows($output) > 0){ // if any record obtained from SELECT query
            // create table output
            echo „<table>“; //head of table
            echo „<tr>“;
                //echo „<th>id</th>“;
                echo „<th>Name</th>“;
                echo „<th>Price</th>“;
            echo „</tr>“;
            //body of table
            while($row = mysqli_fetch_row($output)){
                //echo „<tr>“;
                //echo „<td>“.$row[0].„</td>“;
                //echo „<td>“.$row[1].„</td>“;
                //echo „<td>“.$row[2].„</td>“;
                //echo „</tr>“;
            }
            echo „</table>“;
        }
    }
}
```

```

        echo „<th>Category</th>“;
        echo „<th>Screenshot1</th>“;
        echo „<th>More info</th>“;

        echo „</tr>“;
        $cart_total_eur = 0; // initialize variable calculating total price for items in cart
        while($row = mysqli_fetch_array($output)){
            //next rows outputted in while loop
            echo “ <div class=“mailinglist“> “ ;
            echo „<tr>“;
            //echo „<td>“ . $row[,item_id'] .
            „</td>“;
            echo „<td class=“item_name“>“ .
            $row[,name_of_item'] . „</td>“;
            echo „<td class=“price“>“ . $row
            [,price_eur'] . “ € </td>“;
            $cart_total_eur += $row[,price_eur
            '];

        * convert category_id in to category and subcategory */
            $subcategory_id = $row
            [,subcategory_id'];
            $category_idsupl =
            „“ ;
            $subcategory_idsupl =
            „“ ;
            // (*) – conversion of
            category and subcategory into category%id

            // create SELECT query for category and subcategory names from database
            $sql_supl = „SELECT
            category, subcategory FROM bazaar_category WHERE subcategory
            _id = „.$subcategory_id'“ ;
            /*$output_supl = m
            ysqli_query($dbc, $sql_supl);
            $row_supl = mysqli
            _fetch_array($output_supl);
            $category_id =

```



```

$row_supl[,category'] ;
                                                                    $subcategory_id =
$row_supl[,subcategory'] ;
                                                                    echo „<td>“ . $cat
egory_id.“/“.$subcategory_id.“</td>“;*/
                                                                    // execute sql and
populate data list with existing category in database
                                                                    if($output_supl =
mysqli_query($dbc, $sql_supl)){
                                                                    if(mysqli_num_
rows($output_supl) > 0){ // if any record obtained from SELEC
T query
                                                                    while($row
_supl = mysqli_fetch_array($output_supl)){ //next rows outpute
d in while loop
                                                                    $categ
ory_idsupl      = $row_supl[,category'] ;
                                                                    $subca
tegory_idsupl = $row_supl[,subcategory'] ;

                                                                    }

                                                                    // Free re
sult set
                                                                    mysqli_fre
e_result($output_supl);
                                                                    } else {
                                                                    echo „Ther
e is no such category-
subcategory in category table. Please correct your error.“; //
if no records in table
                                                                    }
                                                                    } else{
                                                                    echo „ERROR: C
ould not able to execute $sql. “ . mysqli_error($dbc); // if d
atabase query problem
                                                                    }
                                                                    echo „<td>“ . $category_idsupl.“/“

```

```
.$subcategory_idsupl."</td>";
```

```
$image_location = IMAGE_PATH.$
```

```
row[,screenshot1'];
```

```
echo „<td id=\"gray_under_picture\"> <img src=\""$image_location\" alt=\" screenshot of product  
primary \" height=\"250\"> </td>“;
```

```
echo „<td colspan=\"1\"><a id=\"DEL\"  
href=\"removefromcart.php?cart_number='.$row[,cart_number'] . ,&  
&item_id='. $row[,item_id'] . ,&name_of_item='. $row[,n  
ame_of_item'] .'\"> >> Remove from cart </a></td></tr>“; //con  
struction of GETable link
```

```
echo „</tr>“;
```

```
echo “ </div> “ ;
```

```
}
```

```
echo „</table>“;
```

```
echo „<br><br>“;
```

```
echo „<p><center><h5>Total price for items  
in cart: <strong> $cart_total_eur </strong>€ </h5></center></  
p>“;
```

```
// Free result set
```

```
mysqli_free_result($output);
```

```
} else{
```

```
echo „There is no item for sell. Please ad  
d one.“; // 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);
```

```
?>
```

```
<!-- Recapitulation of user delivery adress – important be  
acause is sent to seller with e-  
mail about succesfull buy of listened item ->
```

```
<h4> Your delivery adress is: </h4>
```

```
<?php
```

```
// connect to a database
```

```
$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());
        }

        // get info about user from database
        $users_id = $_SESSION[,users_id'];
        $sql = „SELECT * FROM bazaar_user WHERE users_id =
„.“, $users_id'“.“LIMIT 1” ;
        if($output = mysqli_query($dbc, $sql)){
            if(mysqli_num_rows($output) > 0){ // if any re
cord obtained from SELECT query

                while($row = mysqli_fetch_array($output)){
//next rows outputed in while loop
                    $first_name = $row[,first_name'];
                    $lastname_name = $row[,lastname_nam
e'];

                    $addressss = $row[,addressss'];
                    $city = $row[,city'];
                    $ZIPcode = $row[,ZIPcode'];
                    $email = $row[,email'];
                    ?>

                    <div id=“frame_green“>

                        <br>
                        <h5> Please check your contact
and delivery info, these information are important for
seller of the item
s for correct contact and delivery! </h5>
                        <br>
                        <table>
                            <tr>

                                <td>
                                <label>e-mail:</label>
                                <input type=“text“ na
me=“nickname“                                class=“form-
```

```

control" value="<?php echo $email; ?>" disabled>
<br>
</td>
<td>
<label>First name:</la
bel>
<input type="text" nam
e="first_name"
class="form-
control" value="<?php echo $first_name; ?>" disabled>
<br>
</td>
<td>
<label>Last name:</lab
el>
<input type="text" nam
e="lastname_name"
class="form-
control" value="<?php echo $lastname_name; ?>" disabled>
<br>
</td>
<tr>
</tr>
<td colspan="3">
<label>Address in form
- Street Nr.:</label>
<input type="text" na
me="addresss"
class="form-
control" value="<?php echo $addresss; ?>" disabled>
<br>
</td>
<tr>
</tr>
<td colspan="3">
<label>City:</label>
<input type="text" nam
e="city"
class="form-
control" value="<?php echo $city; ?>" disabled>
<br>
</td>
<tr>
</tr>
<td colspan="3">

```

```

        <label>ZIP code in for
m XXXXX:</label>

        <input type="text" nam
e="ZIPcode"          class="form-
control" value="<?php echo $ZIPcode; ?>" disabled>
        </td>

        </tr>
    </table>
    <br>

    <h5> If any of display
ed info need correction, please visit your profile page <a href
f="editprofile.php"><u>here</u>. </a></h5>
    </div>

    <?php

    }

    // Free result set
    mysqli_free_result($output);
} else{
    echo „Error while reading data.“; // 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);
?>
<br>
</h4>
    <form method="post" action="<?php echo $_SERVER[‘PHP_S
ELF’]; ?>">
        <input type="hidden" name="users_id" value="<?php ec
ho $_SESSION[‘users_id’] ?>" />
        <h5> For confirmation of buy select YES and click on
red button bellow:</h5>
        <center><input type="radio" name="confirm" value="Ye

```

```

s" /> Yes    <br>
            <input type="radio" name="confirm" value="No" checked="checked" /> No </center><br><br>
            <center><button type="submit" name="submit" class="btn btn-danger btn-bg"> I confirm the purchase with the obligation to pay </button> </center>

            <br><br>
        </form>

    </div>

    <div class="footer">
        <a class="navbar-brand" href="https://cdesigner.eu"> Visit us on CDesigner.eu </a>
    </div>

</body>
</html>

```

Cart page generate GETable link to script removefromcart.php to enable remove item from cart. This is done by reverting cart_number filed of appropriate item from number equal to buyers users_id to zero. User is befor removing item also informed about that item is now visible for other portal user for buy. And second decision must not be available, because item will add another user to a cart.

removefromcart.php script

Content of our supplementary removal script follows here:

```
<!--
*****
** -->
<!-- PHP „self“ code GET request for remove from cart
-->

<!--
*****
** -->
<!-- Vrsion: 1.0           Date: 2.11.2020 by CDesigner.eu
-->

<!--
*****
** -->
<?php // leading part of page for simple header securing and basic variable setup
    require_once('appvars.php'); // including variables for database
    session_start(); // start the session – must be added on all pages for session variable accessing
    // solution using SESSIONS with COOKIES for longer (30days) login persistency

    if(!isset($_SESSION['users_id'])) { // if session is no more active
        if(isset($_COOKIE['users_id']) && isset($_COOKIE['username'])) { // but cookie is set then renew session variables along them
            $_SESSION['users_id'] = $_COOKIE['users_id'];
            $_SESSION['username'] = $_COOKIE['username'];
            $_SESSION['user_role'] = $_COOKIE['user_role']; // added for role
        }
    }

    // two variables for message and styling of the message with bootstrap
    $msg = "";
    $msgClass = "";
```

```
// default values of auxiliary variables

?>
<!-- ***** ->
<!-- script for removing item from cart ->
<!-- ***** ->
<!-- obtain GET data from cart.php and trough ->
<!-- POST submit remove goods from cart by ->
<!-- seting cart_number filed to 0 - notassigned ->
<!-- to any user ->
<!-- ***** ->
<!DOCTYPE html>
<html>
<head>
    <title> Bazaar remove from cart – remove script </title>
    <link rel="stylesheet" href="./css/bootstrap.min.css"> <!-- bootstrap mini.css file ->
    <link rel="stylesheet" href="./css/style.css"> <!-- my local.css file ->
    <script src="https://code.jquery.com/jquery-3.1.1.slim.min.js" integrity="sha384-A7FZj7v+d/sdmMqp/nOQwliLvUsJfDHW+k90mg/a/EheAdgtzNs3hpfag6Ed950n" crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js" integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1DkWx51bBrb" crossorigin="anonymous"></script>

</head>
<body>
    <nav class="navbar navbar-default">
        <div class="container">
            <div class="navbar-header">
                <a class="navbar-brand" href="cart.php">Return to your shopping car</a>
                <a class="navbar-brand" href="index.php"> -> return to main shop page</a>
            </div>
        </div>
    </nav>
    <div class="container" id="formcontainer">
```



```

<?php if($msg != ""): ?> <!-- alert showing part -->
    <div class="alert <?php echo $msgClass; ?>"><?php echo
$msg; ?></div>
    <?php endif; ?>

    <br> <!-- logo on the center of the page -->
    <h4>Confirmation of removal item from cart.</h4>
    <br>
    <br> <!-- logo on the center of the page -->
    
    <br>

    <?php // code for GET info about what to remove and subm
it removing approval
        if(isset($_GET[,cart_number']) && isset($_GET[,item_id
']) && isset($_GET[,name_of_item'])) ){
            // take a data from GET link generated by adminscr
ipt
            $cart_number = htmlspecialchars($_GET[,cart_number
']);
            $item_id = htmlspecialchars($_GET[,item_id']);
            $name_of_item = htmlspecialchars($_GET[,name_of_it
em']);

            } else if (isset($_POST[,cart_number']) && isset($_POS
T[,item_id']) && isset($_POST[,name_of_item'])) { //grab score
from POST – different behavior for removal
            $cart_number = htmlspecialchars($_POST[,cart_numbe
r']);
            $item_id = htmlspecialchars($_POST[,item_id']);
            $name_of_item = htmlspecialchars($_POST[,name_of_i
tem']);

            } else { //error info message
                echo ,<p class="alert alert-
danger"> Please specify any cart item for removal. </p>';

```

```

};
if(isset($_POST['submit'])) {

    if($_POST['confirm'] == 'Yes') { // delete appropriate score post with imagescreenshot
        //delete the screenshotimage from the
        $cart_number = htmlspecialchars($_POST['cart_number']);

        $item_id = htmlspecialchars($_POST['item_id']);
        $name_of_item = htmlspecialchars($_POST['name_of_item']);

        // conect to the database
        $dbc = mysqli_connect(DB_HOST, DB_USER, DB_PW, DATABASE_NAME);

        //Delete score data from the database
        $sql = „UPDATE bazaar_item SET cart_number = ,0‘
WHERE item_id = $item_id LIMIT 1“;
        // execute SQL
        mysqli_query($dbc, $sql);
        // close database connection
        mysqli_close($dbc);
        // confirm executed command
        echo „<p> The item , . $name_of_item . , with id
<strong>‘ . $item_id . ,</strong> was sucesfully removed from
your cart and now is available in listening for sell
for another user. </p>‘;

    } else {

        echo „<p class=“alert alert-danger“ > The selected item cannot be removed. </p>‘;
    }

    } else if (isset($cart_number) && isset($item_id) && isset($name_of_item) ) {
        echo „<h5>Are you sure to remove , . $name_of_item
. , from your cart? Item will be set for sell listening and can be bought by another user.</h5>‘;
        // show short describtion of score for deletion
        echo „<p> <strong> item_id: </strong> , . $item_id
. ,<br> <strong> item name is: </strong>‘ . $name_of_item .

```

```

        ,</p>';

//generating removing confirmation form

        echo ,<form method="POST" action="removefromcart.p
hp">'; //not self but direct this script removecategory.php
- we dont want include any GET data tahat previously send
        echo ,<input type="radio" name="confirm" value="Ye
s" /> Yes ,;
        echo ,<input type="radio" name="confirm" value="No
" checked="checked" /> No <br><br>';

        echo ,<input type="hidden" name="cart_number" valu
e=",.$cart_number.'" />';
        echo ,<input type="hidden" name="item_id" value="
,.$item_id.'" />';
        echo ,<input type="hidden" name="name_of_item" val
ue=",.$name_of_item.'" />';
        echo ,<input type="submit" class="btn btn-
danger" value="submit" name="submit" />';
        echo ,</form>';

};
echo ,<br><br>';
echo ,<p> <a href = „cart.php"> &lt;&lt; Back to your
cart. </a></p>';
?>

</div>

<div class="footer">

                                <a class="navbar-
brand" href="https://cdesigner.eu"> Visit us on CDesigner.eu <
/a>
</div>

</body>
</html>

```

Conclusion and final thoughts

Our cart solution implement simple way how to manage users items for buy. For further improvements is important mark sold items for admin removal or better mark them for removal by automated script after some time. Way how to do this, is mark item after succesfull buy comitt them from users_id to -1 (cart_number filed of that item in bazaar_item table). This mean item was sold and after some time they must be removed from portal.

Full aplcation code for further study can be obtained from github [here](#).