

Bazaar – php example code – part 4 – Selling item script

Our special Christmass article focus on listening item for sell on bazaar page. Data are obtained from registered user, inserted into a database and because default published filed in bazaar_item table is false, waiting for admin approval. In final version, this page is available only for registered user.

Expectation from sellingitem script

In final applicaton, selling page is available only for common registered user. User must be able do these things:

- describe name and price for selling item
- add up to three different photos
- select category with subcategory
- provide any further description for selling item
- item is not listed for sell untip approval of admin of the page

After sucessful post for sell, short describtion about adding document to a database is generated in pottom part of form.

After finalizing other main parts of app responsible for user

management, we will add column for marking selling by users_id for difrerentiating of the seller. When someone decide to buy any their item, seller must be notified about buy and must fullfil item delivery.

Visual look of the page

Sell item page consist from sell form and list of published item for sell. In the middle part, ist optionally after succesfull post displayed short info about user action.



* Please provide name of selling item:

* Please provide price for item in €:

* Select main category-subcategory for proper item listing on bazar pages:

If no proper category-subcategory exist, please contact admin of the pages for creation them for you.

In this part you can select upto 3 pictures of the product. First picture is required!

* Please select location of your score screenshot from drive - max 5MB!

Screenshot1 - required:	Browse
Screenshot2 - optional:	Browse
Screenshot3 - optional:	Browse

* Item description:

Chart of benchmark results

id	Name	Price	Category	Screenshot1
31	Computer science - used - good quality	55	24	
30	Analyse for e-commerce	350	29	
29	Garden scissors - green small	7.50	7	

Implementation of functionality

Main part of page consist form form part. In this part is insered script for generating available category list obtained from bazaar_category table.

Separate par enable selecting up to three files fortransfer. First screenshot of product is required and can not be ommited. Other two are optional as you can see. Separate Javascript code is responsible for listening file path after selecting them into a dialog field.

Next output show contetnt of the form:

```
<form   enctype=„multipart/form-data“   method=“post“
action=“<?php echo $_SERVER[„PHP_SELF“]; ?>“> // because data
file transfer enctype must be defined in form tag!!!
   <input type=“hidden“ name=“MAX_FILE_SIZE“ value=“5242880
">
       <div class=“form-group“>
           <label>* Please provide name of selling item:</l
abel>
               <input type=“text“ onfocus=“this.value='<?php ec
ho isset($_POST[„name_of_item“]) ? $name_of_item : “; ?>“ nam
e=“name_of_item“               class=“form-
control“ value=“<?php echo isset($_POST[„name_of_item“]) ? $na
me_of_item : „Name for product“; ?>“>
                   <label>* Please provide price for item in €:</la
bel>
```

```
<input type="text" onfocus="this.value='<?php echo isset($_POST[,price_eur']) ? $price_eur : "; ?>'" name="price_eur" class="form-control" value="<?php echo isset($_POST[,price_eur']) ? $price_eur : ,Price in €'; ?>">
```

```
<!-- slection of category and subcategory -->
<label>* Select main category-subcategory for proper item listing on bazar pages:</label>
<input list="category_subcategory" name="category_subcategory" >
<datalist id="category_subcategory"> <!-- must be converted in subcategory_id in script - marked with (*) -->
<?php // here read data from mysql bazaar_category and display existing category whre subcategory will be nested

$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());
};

// create SELECT query for category names from database
$sql = „SELECT DISTINCT category, subcategory FROM bazaar_category ORDER BY category ASC, subcategory ASC„;

// execute sql and populate data list with existing category in database
if($output = mysqli_query($dbc, $sql)){
    if(mysqli_num_rows($output) > 0){ // if any record obtained from SELECT query

        while($row = mysqli_fetch_
```

```

array($output)){ //next rows outputed in while loop
                                echo „<option valu
e=“ . $row[,category‘] .“-„.$row[,subcategory‘] . „>„;

                                }

                                // Free result set
                                mysqli_free_result($output
);

                                } elseif
                                echo „There is no category
in category table. Please wirite one.“; // if no records in t
able
                                }
                                } elseif
                                echo „ERROR: Could not able to
execute $sql. “ . mysqli_error($dbc); // if database query pr
oblem
                                }

                                // Close connection
                                mysqli_close($dbc);
                                ?>

                                </datalist>
                                <p> If no proper category-
subcategory exist, please contact admin of the pages for creat
ion them for you. </p>

                                <!-- users_id from session obtaining – for debu
ging and testing is set as hidden ->
                                <input type=“hidden“ name=“users_id“ value=“1“
>

                                </div>

                                <p> In this part you can select upto 3 pictures of t

```

he product. First picture is required! </p>

<label>* Please select location of your score screen shot from drive – max 5MB!</label>

<div class="custom-file">

<input type="file" name="screenshot1" class="custom-file-input" id="screenshot1" lang="en" onchange="getFilename(this)">

<label class="custom-file-label1 custom-file-label" for="customFile">Screenshot1 – required:</label>

</div>

<div class="custom-file">

<input type="file" name="screenshot2" class="custom-file-input" id="screenshot2" lang="en" >

<label class="custom-file-label2 custom-file-label" for="customFile">Screenshot2 – optional:</label>

</div>

<div class="custom-file">

<input type="file" name="screenshot3" class="custom-file-input" id="screenshot3" lang="en" >

<label class="custom-file-label3 custom-file-label" for="customFile">Screenshot3 – optional:</label>

</div>

<script type="application/javascript"> // javascript handling changing filename of selected file

\$(document).ready(function(){

\$(„#screenshot1“).change(function(){

//alert(„A file 1 has been selected.“);

var thefile1 = document.getElementById(„screenshot1“);

```

        var fileName1 = thefile1.value;
        //var fileName1 = „A file 1 has been selected.“;
        $(„.custom-file-label1“).html(fileName1);
    });
    $(„#screenshot2“).change(function(){
        //alert(„A file 2 has been selected.“);
        var thefile2 = document.getElementById(„screenshot2“);

        var fileName2 = thefile2.value;
        //var fileName2 = „A file 2 has been selected.“;
        $(„.custom-file-label2“).html(fileName2);
    });
    $(„#screenshot3“).change(function(){
        //alert(„A file 3 has been selected.“);
        var thefile3 = document.getElementById(„screenshot3“);

        var fileName3 = thefile3.value;
        //var fileName3 = „A file 3 has been selected.“;
        $(„.custom-file-label3“).html(fileName3);
    });
});

```

```
</script>
```

```
<br><br>
```

```

<div class="form-group">
    <label>* Item description:</label> <!-- textarea for input large text -->
    <textarea id="item_description" onfocus="this.valu

```



```
e='<?php echo isset($_POST[,item_descriptio']) ? $item_descrip
tion : ,Please provide description of selling item ...'; ?>' " na
me="item_description" class="form-
control" rows="3" cols="50"><?php echo isset($_POST[,item_desc
ription']) ? $item_description : ,Description of item for sell
goes here ...'; ?></textarea>
</div>
```

```
<!-- div class="form-group">
<label>Your message for Guestbook:</label--> <!-- t
extera for input large text -->
<!-- textarea id="postmessage" name="postmessage" c
lass="form-
control" rows="6" cols="50"><?php echo isset($_POST[,postmessa
ge']) ? $postmessage : ,Your text goes here ...'; ?></textarea>
</div-->
```

```
<button type="submit" name="submit" class="btn btn-
warning"> Add item for sell </button>
<button type="submit" name="reset" class="btn btn-
info"> Reset form </button>
```

```
<!-- remove comment after implementation
<button type="submit" name="delete" class="btn btn-
danger"> Delete recently posted score </button>
-->
<button type="submit" name="reset" class="btn btn-
info"> Reset form </button>
<br><br>
```

```
<?php //part displaying info after succesfull adde
d subscriber into a mailinglist
if ($is_result ) {

echo „<br> <br>“;
echo “ <table class=\“table table-
success\“> „;

echo “ <tr>
```

```

                <td><h5> <em> Item for sell: <
/em> $name_of_item for $price_eur € </h5> <h5> has been succe
sfully added to selling list. Item will be visible
                on bazaar page after admin appr
oval. </h5> „;
                $image_location = IMAGE_PATH.$s
creenshot1;
                echo " <img src=\"\$image_location\" al
t=\" score image \" height=\"150\"> „;

                echo "      <td>      </tr> „;
                echo " </table> „;

                //echo " <input type="text" id="result_fie
ld" name="result_field" value="$result" > <br>" ;
                } ;
                ?>
                <br>

</form>

```

Part responsible for obtaining data after hitting submit button consist from:

```

if(filter_has_var(INPUT_POST, ,submit')) {
    // Data obtained from $_postmessage are assigned to lo
cal variables
    $name_of_item = htmlspecialchars($_POST[,name_of_item'
]);
    $price_eur = htmlspecialchars($_POST[,price_eur']);
    $users_id = htmlspecialchars($_POST[,users_id']);
    //echo ,users_id'; echo $users_id;

    $category_subcategory = htmlspecialchars($_POST[,categ

```

```

ory_subcategory']; // must be converted to subcategory_id (*)
    // separate category and subcategory with strtok()
function
    $words = explode(, -, $category_subcategory);
    $category=$words[0];
    //echo $category;
    //echo ,<br>';
    $subcategory=$words[1];
    //echo $subcategory;

    $screenshot1 = htmlspecialchars($_FILES[,screenshot1']
[,name']);
    $screenshot2 = htmlspecialchars($_FILES[,screenshot2']
[,name']);
    $screenshot3 = htmlspecialchars($_FILES[,screenshot3']
[,name']);
    $item_description = htmlspecialchars($_POST[,item_desc
ription']);

    // (*) – conversion of category and subcategory into c
ategory%id
        $dbc = mysqli_connect(DB_HOST, DB_USER, DB
_PW, DB_NAME);

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

        // create SELECT query for category names
from database
        $sql = „SELECT subcategory_id FROM bazaar_
category WHERE category = „.$category'“. “ AND subcategory =
„.$subcategory'“ ;

        // execute sql and populate data list with
existing category in database

```

```

        if($output = mysqli_query($dbc, $sql)){
            if(mysqli_num_rows($output) > 0){ //
if any record obtained from SELECT query
                while($row = mysqli_fetch_array($o
utput)){ //next rows outputed in while loop

                    $subcategory_id = $row[,subcat
egory_id'] ;

                }

                // Free result set
                mysqli_free_result($output);
            } else {
                echo „There is no souch category-
subcategory in category table. Please correct your error.“; //
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);

        // Controll if all required fields was written
        if(!empty($name_of_item) && !empty($price_eur) && !emp
ty($subcategory_id) && !empty($screenshot1)) { // these item i
dentifiers are mandatory and can not be empty
            // If check passed – all needed fields are written
            // Check if E-mail is valid

            // move image to /images final folder from dem
porary download location
            $target1 = IMAGE_PATH . $screenshot1;
            $target2 = IMAGE_PATH . $screenshot2;
            $target3 = IMAGE_PATH . $screenshot3;

```

```

        // !!! Add entry to the database and redraw all
        // score in chart list descending from highest score

        // insert into database
        if (move_uploaded_file($_FILES['screenshot1']['tmp_name'], $target1)) {
            move_uploaded_file($_FILES['screenshot2']['tmp_name'], $target2);
            move_uploaded_file($_FILES['screenshot3']['tmp_name'], $target3);
            // 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());
            }

            // INSERT new entry

            $sql = "INSERT INTO bazaar_item (name_of_item, price_eur, subcategory_id, users_id, item_add_date, screenshot1, screenshot2, screenshot3, item_description)
            VALUES (,'$name_of_item', $price_eur , , '$subcategory_id' , , '$users_id' , now(), , '$screenshot1', , '$screenshot2', , '$screenshot3', , '$item_description' )";
            //show added item true
            $is_result = true;
            if(mysqli_query($dbc, $sql)){

                $msg = "New item , '$name_of_item' , for , '$price_eur' , € successfully added to sell item – waiting for admin approval.";
                $msgClass = "alert-success";
            } else {

                $msg = "ERROR: Could not able to execute $sql. " . mysqli_error($dbc);
                $msgClass = "alert-danger";
            }
        }
    }
}

```

```

        // end connection
        mysqli_close($dbc);

    } else {
        // Failed – if not all fields are
fullfiled
        $msg = ,Please fill in all * marke
d contactform fields‘;
        $msgClass = ,alert-
danger‘; // bootstrap format for allert message with red color
    };
};
};

```

Conclusion and other thoughts

Our page must be updated with code displaying its content and menus diferently for loged in user or anonymous users. Next improvement is expanding/ altering code to mark added item by users_id from active session for distinguishing between submitters.

Full code of application in as is current state can be obtained for further study from here.