

# Bazaar – php example code – part 3 – Manage category script

Article focus on way how we populate category/ subcategory for selling items. Management page contains listing of successfully added files with removal link as option. Our project will lead from category, through item, simple login functionality into a editprofile option with more robust user login.

## Discuss managecategory.php functionality


Our managecategory.php script must enable these functionalities:

- create subcategory of item with existing main category
- if we creating subcategory with non existing main category, we must be able to add them along
- after all successfully added category, list of existing category/ subcategory must be displayed with link for removal appropriate category row
- after preparing parts for login verification, these scripts can be viable only for user with admin role assigned by page admin

Visual content of this page along with removecategory.php script follow:

### Bazaar - management of selling category

New categorybookssucesfully added into a bazaar\_category table.



\* Set name for new subcategory:

\* Select main category for nesting created subcategory:

---


List of active categories and subcategories

subcategory_id	category	subcategory	delete category
8	autos	van	Manage entry: >> Remove
24	books	computer	Manage entry: >> Remove
11	electronic	DVD players	Manage entry: >> Remove
6	electronic	videos	Manage entry: >> Remove
7	garden	scissors	Manage entry: >> Remove
16	networking	routers	Manage entry: >> Remove

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Visual look of managecategory.php script

Confirmation of deletion selected category removal.



Are you sure to delete the next category item from bazaar?

subcategory\_id: 8  
Category: autos  
Subcategory: van

Yes  No

[<< Back to category management page.](#)

## Category removal script confirmation dialog

## Implementation of expected functionality

Our page consist from parts for obtain user category and subcategory names. Error messaging, reporting of successfull category addition into bazaar\_category table are next parts of our script.

Form obtaining data from user follow next:

```
<form method="post" action="<?php echo $_SERVER['PHP_SELF'];  
?>">  
    <div class="form-group">
```

```

        <label>* Set name for new subcategory:</label>
        <input type="text" onfocus="this.value='<?php ec
ho isset($_POST[,subcategory']) ? $subcategory : "; ?>' " name=
"subcategory" class="form-
control" value="<?php echo isset($_POST[,subcategory']) ? $sub
category : ,Please provide name of new subcategory'; ?>">
        <br>
        <label>* Select main category for nesting create
d subcategory:</label>
        <input list="category" name="category" >
        <datalist id="category">
        <?php // here read data from mysql bazaar_
category and display existing category whre subcategory will b
e 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 categor
y names from database
        $sql = „SELECT DISTINCT category F
ROM bazaar_category ORDER BY category ASC„;

        // execute sql and populate data l
ist with existing category in database
        if($output = mysqli_query($dbc, $s
ql)){
            if(mysqli_num_rows($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'] . „>“;
```

```
}
```

```
// Free result set
```

```
mysqli_free_result($output
```

```
);
```

```
} else{
```

```
echo „There is no category  
in category table. Please wirite one.“; // if no records in t  
able
```

```
}
```

```
} else{
```

```
echo „ERROR: Could not able to  
execute $sql. “ . mysqli_error($dbc); // if database query pr  
oblem
```

```
}
```

```
// Close connection
```

```
mysqli_close($dbc);
```

```
?>
```

```
</datalist>
```

```
<br>
```

```
<button type=“submit“ name=“subcategorysubmit“ c  
lass=“btn btn-warning“> Create new subcategory </button>
```

```
<input type=“reset“ class=“btn btn-  
info“ value=“Reset“>
```

```
</div>
```

```
<hr>
```

```
</form>
```

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

```

        <?php //part displaying info after succesfull
added category into a mailinglist
        if ($is_result ) {

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

                echo “ <tr>
                        <td><h5> <em> Category: </em> $
category with subcategory $subcategory </h5> <h5> has been suc
cesfully added to category list </h5> „;

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

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

</form>
<?php

```

Listening of all items in bazaar\_category table is generated by this content of script

```

$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_category ORDER BY category ASC, subcategory ASC„;
/*****
*****/
/*      Output in Table – listening all category in bazaar_category table      */
/*****
*****/
// if data properly selected from guestbook database table

echo „<h4>List of active categories and subcategories</h4>“;
echo „<br>“;
echo „    ,    <button    class=“btn    btn-secondary    btn-lg    “    onclick=“location.href=\\'admin.php\\'“    type=“button“>    admin page -> </button>“;

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>subcategory_id</th>“;
                    echo „<th>category</th>“;
                    echo „<th>subcategory</th>“;
                    echo „<th></th>“;
                    echo „<th>delete category</th>“;

```

```

        echo „</tr>“;
        while($row = mysqli_fetch_array($output)){ //next
rows outputed in while loop
        echo " <div class=\"mailinglist\"> " ;
        echo „<tr>“;
        echo „<td>“ . $row[,'subcategory_id'] . „</
td>“;

        echo „<td>“ . $row[,'category'] . „</td>“;
        echo „<td>“ . $row[,'subcategory'] . „</td>
“;

        // removal line with removing link line

        echo „<td colspan=\"1\"> Manage entry: <
/td>“; // description on first line
        echo „<td colspan=\"1\"><a id=\"DEL\" href=
\"removecategory.php?subcategory_id='.$row[,'subcategory_id']
. ,&category='
        . $row[,'category'] . ,&subcategory
y='. $row[,'subcategory'] .'“> >> Remove </a></td></tr>“; //co
nstruction of GETable link
        // for removecategory.php input

        echo „</tr>“;
        echo " </div> " ;
    }
    echo „</table>“;
    // Free result set
    mysqli_free_result($output);
} else{
    echo „There is no benchmark result in chart. Pleas
e wirite one.“; // if no records in table
}
} else{
    echo „ERROR: Could not able to execute $sql. “ . mysql
i_error($dbc); // if database query problem
}

// Close connection

```



```
mysqli_close($dbc);  
?>
```

## removecategory.php script

Remove category script obtain data from GET associative array offered from url snippet added to name of invoked page. After reading data, create removal confirmation form.

After selecting yes and submitting form, appropriate category/subcategory row is removed with appropriate sql query.

Content of the page is in following part:

```
<!--  
*****  
* ->  
<!-- PHP „self“ code GET request for remove and POST delete data  
a ->  
<!--  
*****  
* ->  
<!-- Vrsion: 1.0 Date: 17.10.2020 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 – further description will be available in appropriate article in a row of articles focused on bazaar app
```

```
    // 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'];
```

```
        }
```

```
    }
```

```
    // two variables for message and styling of the message with bootstrap
```

```
    $msg = “”;
```

```
    $msgClass = “”;
```

```
    // default values of auxiliary variables
```

```
?>
```

```
<!-- ***** ->
```

```
<!-- script for appropriate scode removal ->
```

```
<!-- ***** ->
```

```
<!-- obtain GET data from admin.php and trough ->
```

```
<!-- POST submit remove data from database ->
```

```
<!-- ***** ->
```

```
<!DOCTYPE html>
```

```
<html>
```

```

<head>
  <title> Bazaar score – remove script </title>
  <link rel="stylesheet" href="./css/bootstrap.min.css"> <!-- b
ootstrap 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/te
ther/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">
        <a class="navbar -
brand" href="managecategory.php">Bazaar category manager – par
t for Bazaar category management</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 deletion selected category removal.<
/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($_GET[,subcategory_id,]) && isset($_GET[,cate
gory,]) ) {
        // take a data from GET link generated by adminscr
ipt
        $subcategory_id = htmlspecialchars($_GET[,subcateg
ory_id']);
        $category = htmlspecialchars($_GET[,category']);
        $subcategory = htmlspecialchars($_GET[,subcategory
']);
```

```
    } else if (isset($_POST[,subcategory_id']) && isset($_
POST[,category']) && isset($_POST[,subcategory'])) { //grab sc
ore from POST – different behavior for removal
        $subcategory_id = htmlspecialchars($_POST[,subcate
gory_id']);
        $category = htmlspecialchars($_POST[,category']);
        $subcategory = htmlspecialchars($_POST[,subcategor
y']);
```

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

```
};
```

```

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

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

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

        //Delete score data from the database
        $sql = „DELETE FROM bazaar_category WHERE subcategory_id = $subcategory_id LIMIT 1“;
        // execute SQL
        mysqli_query($dbc, $sql);

        // close database connection
        mysqli_close($dbc);

        // confirm executed command
        echo „<p> The category <strong>' . $category . , </strong> with id <strong>' . $subcategory_id . ,</strong> was succesfully removed. </p>“;

    } else {
        echo „<p class=“alert alert-danger“ > The selected category was not removed. </p>“;
    }
} else if (isset($subcategory_id) && isset($category))

```

```

) {
    echo ,<h5>Are you sure to delete the next category
item from bazaar? </h5>';
    // show short description of score for deletion
    echo ,<p> <strong> subcategory_id: </strong> , . $
subcategory_id . ,<br> <strong> Category: </strong>' . $categ
ory .
        ,<br> <strong> Subcategory: </strong>' . $sub
category .
        ,</p>';

    //generating removing confirmation form

    echo ,<form method="POST" action="removecategory.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="subcategory_id" v
alue=",$subcategory_id.'" />';
    echo ,<input type="hidden" name="category" value=
" ,.$category.'" />';
    echo ,<input type="hidden" name="subcategory" valu
e=",$subcategory.'" />';
    echo ,<input type="submit" class="btn btn-
danger" value="submit" name="submit" />,;
    echo ,</form>,;

};
echo ,<br><br>';
echo ,<p> <a href = „managecategory.php"> &lt;&lt; Bac
k to category management page. </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 other thoughts

Our code snippets create baseline for required functionality for category management. From final code was omitted parts related to user login and logged users persisency. Full bazaar app code can be obtained from github here.