

Benchmarkchart – php example code – part 2 – submitting score

Article describe part of final app responsible for submitting particular score with picture verification. Uploaded image is moved from temporary server location into a images folder.

Behavior of index.php app

Our index.php is responsible for submitting score, nickname, e-mail and verification photo. Location of the photo is stored in a database table but photo is uploaded into a server temp folder and next moved into a images folder.

Handling of display location of uploaded picture take simple javascript as follows:

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

```

        <label class="custom-file-label" for="customFile"> Screenshot:</label>
    </div>

```

```

    <script type="application/javascript">
// javascript handling changing filename of selected file
    $(,input[type="file"]').change(function(e){
        var fileName = e.target.files[0].name;
        $(,'.custom-file-label').html(fileName);
    });
    </script>

```

Form for obtaining score data follow

```

<form          enctype="multipart/form-
data" method="post" action="<?php echo $_SERVER[,PHP_SELF']; ?
>">
    <input type="hidden" name="MAX_FILE_SIZE" value="5242880
">
        <div class="form-group">
            <label>* Please provide Your score:</label>
            <input type="text" onfocus="this.value='<?php ec
ho isset($_POST[,score']) ? $score : "; ?>' " name="score" clas
s="form-
control" value="<?php echo isset($_POST[,score']) ? $score : ,
Your becnhmark score'; ?>">
                <label>* Please provide Your nickname:</label>
                <input type="text" onfocus="this.value='<?php ec
ho isset($_POST[,nickname']) ? $nickname : "; ?>' " name="nickn
ame"
                    class="form-
control" value="<?php echo isset($_POST[,nickname']) ? $nickna
me : ,Your nickname'; ?>">
            </div>
            <div class="form-group">
                <label>* E-mail:</label>
                <input type="text" onfocus="this.value='<?php echo
isset($_POST[,email']) ? $email : ,@'; ?>' "name="email" class
="form-

```

```

control" value="<?php echo isset($_POST[,email']) ? $email : ,
@'; ?>">
    </div>

    <label>* Please select location of your score screen
shot from drive – max 5MB!</label>
    <div class="custom-file">

        <input type="file" name="screenshot" class="custom-
file-input" id="screenshot" lang="en">
            <label class="custom-file-
label" for="customFile">Screenshot:</label>
    </div>

    <script type="application/javascript"> // javascr
ipt handling chaging filename of selected file
    $(,input[type="file"]').change(function(e){
    var fileName = e.target.files[0].name;
    $(,.custom-file-label').html(fileName);
    });
    </script>

    <br><br>

    <div class="form-group">
        <label>Optionally – Your score comment:</label> <
!– textera for input large text –>
        <textarea id="message_from_submitter" onfocus="thi
s.value='<?php echo isset($_POST[,message_from_submitter']) ?
$message_from_submitter : ,Your score escribing text goes here
...'; ?>' " name="message_from_submitter" class="form-
control" rows="3" cols="50"><?php echo isset($_POST[,message_f
rom_submitter']) ? $message_from_submitter : ,Your score escri
bing text goes here ...'; ?></textarea>
    </div>

    <div class="form-group">
        <input type="checkbox" name="gdpr" class="form-
control" value="<?php echo isset($_POST[,gdpr']) ? $gdpr : ,gd
pr'; ?>">
        <label>* I agree with GDPR regulations</label>

```

```
</div>
```

```
    <button type="submit" name="submit" class="btn btn-warning"> Submitt score </button>
```

```
    <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
```

```
        echo , <button class="btn btn-secondary btn-lg " onclick="location.href='\chart.php\'" type="button"> Take a look at actual chart -> </button>;
```

```
    ?>
```

```
    <br>
```

```
                                <?php
```

```
//part displaying info after succesfull added subscriber into a mailinglist
```

```
    if ($is_result ) {
```

```
        echo „<br> <br>“;
```

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

```
        echo “ <tr>
```

```
                                <td><h5> <em> E-mail: </em> $score from $nickname </h5> <h5> has been successfully added to becnhmark chart </h5> „;
```

```
                                $image_location = IMAGE_PATH.$score_screenshot;
```

```
                                echo “ <img src=\“$image_location\“ alt=\“ score image \“ height=\“150\“> „;
```

```
                                if ($gdpr == true ) { echo „<h5> GDPR accepted </h5>“; } ; //if GDPR rights granted
```

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

```

        echo " </table> „;

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

</form>

```

Last part is responsible for showing uploaded data into a database.

Script responsible for inserting data into database

Next part is responsible for get data from \$_POST associative array, inserting them into a variable and sending e-mail about succesfull post. Next inserting data into a databasetable and moving uploaded photo.

```

<?php
    require_once('appvars.php'); // including variables for da
tabase
    // two variables for message and styling of the mesage wit
h bootstrap
    $msg = "";
    $msgClass = "";

    // default values of auxiliary variables
    $email = „“;
    $nickname = „“;

```

```

$screenshot = „“;
$gdpr = false;
$score = ,0‘;
$message_from_submitter = “;
$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
    $nickname = htmlspecialchars($_POST[,nickname‘]);
    $screenshot = htmlspecialchars($_FILES[,screenshot‘][,name‘]);
    $email = htmlspecialchars($_POST[,email‘]);
    $gdpr = isset($_POST[,gdpr‘]); // checkbox doesnot send post data, they must be checked for its set state !!!
    $score = htmlspecialchars($_POST[,score‘]);
    $message_from_submitter = htmlspecialchars($_POST[,message_from_submitter‘]);

    // Controll if all required fields was written
    if(!empty($email) && !empty($nickname) && !empty($score) && !empty($screenshot) && $gdpr ){
        // If check passed – all needed fields are written
        // Check if E-mail is valid
        if(filter_var($email, FILTER_VALIDATE_EMAIL) === false){
            // E-mail is not valid
            $msg = ,Please use a valid email‘;
            $msgClass = ,alert-danger‘;
        } else {
            // E-mail is ok
            $is_result = true;
            $toEmail = ,ciljak@localhost.org‘; //!!! e-mail address to send to – change for your needs!!!
            $subject = ,New submitted score ,.$nickname.‘ ,.$score;
            $body = ,<h2>To your becnhmark chart was added new score from:</h2>

```

```

        <h4>Name</h4><p>' . $nickname. ' </p>
        <h4>Email</h4><p>' . $email. ' </p>
        ,;

        // Email Headers
        $headers = „MIME-Version: 1.0” . “\r\n”;
                                $headers . = “Content-
Type:text/html;charset=UTF-8” . „\r\n”;

        // Additional Headers
        $headers . = „From: “ . $nickname. „<„. $email. “>
“ . „\r\n”;

        // move image to /images final folder from tem
porary download location
        $target = IMAGE_PATH . $screenshot;

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

        // insert into database
        if (move_uploaded_file($_FILES[,'screenshot'
ot'][,,'tmp_name'], $target)) {
            // 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
                $date = date(, 'Y-m-
d H:i:s'); // get current date to log into databse along postm
essage written

                $sql = „INSERT INTO benchmark_chart (n
ickname, write_date, email, GDPR_accept, screenshot, message_f
rom_submitter, score)
                VALUES (, $nickname', now() , , $email'
, , $gdpr' , , $screenshot', , $message_from_submitter', , $score'
)“;

```

```

        if(mysqli_query($dbc, $sql)){
            $msg = ,New score ,.$score. , from
            ,. $nickname. , succesfully added to chart.';
            $msgClass = ,alert-success';
        } else {
            $msg = „ERROR: Could not able to e
xecute $sql. “ . mysqli_error($dbc);
            $msgClass = ,alert-danger';
        }

        // end connection
        mysqli_close($dbc);
    };
    if(mail($toEmail, $subject, $body, $headers)){
        // Email Sent
        $msg .= , Your benchmark score was sucessf
ully send via e-mail to page admin.';
        $msgClass = ,alert-success';
    } else {
        // Failed
        $msg = , Your benchmark was not sucessfull
y send via e-mail to page admin.';
        $msgClass = ,alert-danger';
    }
}
} else {
    // Failed – if not all fields are fullfiled
    $msg = ,Please fill in all * marked contactform fi
elds';
    $msgClass = ,alert-danger'; // bootstrap format
for allert message with red color
}

};

```

php>

Showing submitted scores in a table

Last interesting part of index.php page show resulting score in form a table. This code is reused from mailer app but add output for uploaded picture. Database contains name of picture. Global variable contains location of image folder where uploaded image is moved from temporary upload folder.

```
<?php // code showing all subscribers in form of a table at e
nd of the page
```

```
/* Attempt MySQL server connection.*/
```

```
$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 artic
le listing. “ . mysqli_connect_error());
```

```
}
```

```
// read all rows (data) from guestbook table in „test“ databas
e
```

```
$sql = „SELECT * FROM benchmark_chart ORDER BY score DESC“; /
```

```
// read in reverse order of score – highest score first
```

```
*****
*****/
```

```
/*          Output in Table – solution 1 – for debugging data
from database          */
```

```

/*****
*****/

echo „<h4>Chart of benchmark results</h4>“;
echo „<br>“;
//echo „ <button class=“btn btn-secondary btn-
lg “ onclick=“location.href=\’unsubscribe.php\’“ type=“button“
> Unsubscribe by e-mail -> </button>“;
echo „<br>“; echo „<br>“;

    if($output = mysqli_query($dbc, $sql)){
        if(mysqli_num_rows($output) > 0){ // if any record ob
tained from SELECT query
            // create table output
            echo „<table>„; //head of table
                echo „<tr>„;
                    echo „<th>id</th>“;
                    echo „<th>score</th>„;
                    echo „<th>nickname</th>„;
                    echo „<th>date of post</th>“;
                    echo „<th>screenshot</th>„;

                echo „</tr>„;
                while($row = mysqli_fetch_array($output)){ //next
rows outputed in while loop
                    echo “ <div class=\“mailinglist\“> “ ;
                    echo „<tr>„;
                        echo „<td>“ . $row[,'id'] . „</td>„;
                        echo „<td>“ . $row[,'score'] . „</td>„;
                        echo „<td>“ . $row[,'nickname'] . „</td>„;
                        echo „<td>“ . $row[,'write_date'] . „</td>„
;
                            $image_location = IMAGE_PATH.$row[,'screens
hot'];
                                echo „<td> <img src=\“$image_location\
“ alt=\“ score image \“ height=\“95\“> <td>„;
                                    echo „</tr>„;
                                    echo “ </div> “ ;
                                }
                            echo „</table>„;

```

```
        // Free result set
        mysqli_free_result($output);
    } else{
        echo „There is no benchmark result in chart. Please write 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);
?>
```

Final code for study

Complete code for further study with database table creation script can be obtained from github [here](#).