

Assignment description: User registration using Ajax. Create a simple form for user registration.

Solution:

At first, let's create a form for entering registration information and include the script from outer file with necessary functions (XMLHttpRequest and others):

```
<script src="ajax_framework.js" language="javascript"></script>
<!-- Show Message for AJAX response -->
<div id="loginReply"></div>
<!-- While sending the form login() function is called from ajax_framework.js -->
<form action="javascript:login()" method="post">
<input name="emailLogin" type="text" id="emailLogin" value=""/>
<input name="passwordLogin" type="password" id="passwordLogin" value=""/>
<input type="submit" name="Submit" value="Login"/>
</form>
```

Ajax_framework.js processor:

```
/* XMLHttpRequest Enable */
function createObj() {
  var requestType;
  var browser = navigator.appName;
  if(browser == "Microsoft Internet Explorer"){
    requestType = new ActiveXObject("Microsoft.XMLHTTP");
  }else{
    requestType = new XMLHttpRequest();
  } return requestType;
} var http = createObj();
/* Login */
/* A random number is added to the query to prevent caching it by a browser */
var nocache = 0;
function login() {
```

```
// Display a message in ID ajax_reply
document.getElementById('loginReply').innerHTML = "Loading"
// Using encodeURIComponent() for encoding inappropriate symbols in the query.
var email = encodeURIComponent(document.getElementById('emailLogin').value);
var password = encodeURIComponent(document.getElementById('passwordLogin').value);
// Get random number
nocache = Math.random();
// Pass the login variables like URL variable
http.open('get', 'login.php?email='+email+'&password='+password+'&nocache = '+nocache);
http.onreadystatechange = loginReply;
http.send(null);
} function loginReply() {
if(http.readyState == 4){
var reply = http.responseText;
if(reply == '0'){
// if login fails
document.getElementById('loginReply').innerHTML = 'Login failed! Verify user
and password';
// else if login is ok show a message: "Welcome + the user name".
} else {
document.getElementById('loginReply').innerHTML = 'Welcome'+reply;
}}}
```

On the previous step the **login()** function has got and sent email and password to login.php for checking of existing user in the database.

login.php check:

```
<!-- Include Database connections info. -->
<?php include('config.php');
// Verify if user exists
if(isset($_GET['email']) && isset($_GET['password']))){
$email = $_GET['email'];
```

```
$password = $_GET['password'];

$getUser_sql = 'SELECT * FROM USER WHERE email="'. $email . "' AND password
= " . $password .
"";
getUser = mysql_query($getUser_sql);
getUser_result = mysql_fetch_assoc($getUser);
getUser_RecordCount = mysql_num_rows($getUser);
if($getUser_RecordCount < 1){ echo '0';} else { echo $getUser_result['nickname'];}
} ?>
```

config.php:

```
<?php
// Connection Parameters
$db_host="localhost";
$db_name="databaseName";
$username="databaseUsername";
$password="databasePassword";
$db_con=mysql_connect($db_host,$username,$password);
$connection_string=mysql_select_db($db_name);
mysql_connect($db_host,$username,$password);
mysql_select_db($db_name);
?>
```