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TUESDAY, JULY 08, 2014

# Ajax PHP Login Page with Shake Animation Effect.

AJAX LOGIN PHP WEB DEVELOPMENT

{ 29 comments } - SRINIVAS TAMADA

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I received few tutorial requests from my readers that asked to me how to create Ajax PHP login script, in this post I want to discuss how to create a simple Ajax PHP login with welcome page using MySQL database. This will explain you creating user tables, posting form values and storing and destroying the session values. If you are a PHP beginner take a quick look at this live demo with Username: 9lessons Password: 9lessons. This post has been updated with mysqli.

**SRINIVAS TAMADA**Entrepreneur,  
Blogger, ThinkerI love the WEB - **Indian**  
Invented **The WALL SCRIPT**  
Lives in Atlanta - United States[srinivas@9lessons.info](mailto:srinivas@9lessons.info)

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# PHP code generator

Generate PHP code for any local or remote database.

○ ○

## Ajax PHP Login Script



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## Users Table

User table contains all the users registration details.

```
CREATE TABLE `users` (
  `uid` INT(11) NOT NULL AUTO_INCREMENT ,
  `username` VARCHAR(45) ,
  `password` VARCHAR(100) ,
  `email` VARCHAR(45) ,
  `friend_count` INT(11) ,
  `profile_pic` VARCHAR(150),
  PRIMARY KEY (`uid`));
```

## Jquery Code

Contains javascript code, `$("#login").click(function){}` - login is the ID name of the login button. Using `element.val()` calling username and password input values. If id value is even number `if(id(even) % 2) = If(0) false`

```
<script src="js/jquery.min.js"></script>
<script src="js/jquery.ui.shake.js"></script>
<script>
$(document).ready(function()
{

$('#login').click(function()
{
var username=$("#username").val();
var password=$("#password").val();
var dataString = 'username='+username+'&password='+password;
```



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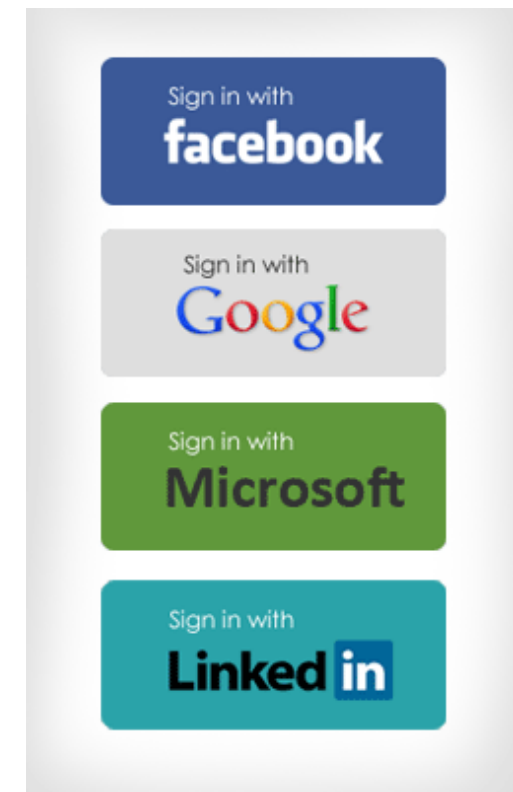
```

if($.trim(username).length>0 && $.trim(password).length>0)
{
$.ajax({
type: "POST",
url: "ajaxLogin.php",
data: dataString,
cache: false,
beforeSend: function(){ $("#login").val('Connecting...');},
success: function(data){
if(data)
{
$("#body").load("home.php").hide().fadeIn(1500).delay(6000);
//or
window.location.href = "home.php";
}
else
{
//Shake animation effect.
$('#box').shake();
$("#login").val('Login')
$("#error").html("<span style='color:#cc0000'>Error:</span> Invalid username and
password. ");
}
}
});
}
return false;
});

```

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```
});  
</script>
```

## index.php

Contains PHP and HTML code, If session value exists this will redirect to home page.

```
<?php  
session_start();  
if(!empty($_SESSION['login_user']))  
{  
    header('Location: home.php');  
}  
?>  
  
//HTML Code  
<div id="box">  
    <form action="" method="post">  
        Username  
        <input type="text" class="input" id="username"/>  
        Password  
        <input type="password" class="input" id="password"/>  
        <input type="submit" class="button button-primary" value="Log In" id="login"/>  
        <div id="error"></div>  
    </div>  
    </form>  
</div>
```

## ajaxLogin.php

Contains PHP code, this will verify username and password values in database.

```
<?php
include("db.php");
session_start();
if(isset($_POST['username']) && isset($_POST['password']))
{
    // username and password sent from Form
    $username=mysqli_real_escape_string($db,$_POST['username']);
    //Here converting password into MD5 encryption.
    $password=md5(mysqli_real_escape_string($db,$_POST['password']));

    $result=mysqli_query($db,"SELECT uid FROM users WHERE username='$username' and
password='$password'");
    $count=mysqli_num_rows($result);
    $row=mysqli_fetch_array($result,MYSQLI_ASSOC);
    // If result matched $username and $password, table row must be 1 row
    if($count==1)
    {
        $_SESSION['login_user']=$row['uid']; //Storing user session value.
        echo $row['uid'];
    }
}
?>
```

Srinivas Tamada

google.com/+SrinivasTamada

Blogger, Thinker and Entrepreneur



追蹤

## home.php

If user session value is empty, this will redirect to login page.

```
<?php
session_start();
if(empty($_SESSION['login_user']))
```

```
{
header('Location: index.php');
}
?>
//HTML Code
Welcome to Home Page
<a href="logout.php">Logout</a>
```

## logout.php

Cleaning the user session value.

```
<?php
session_start();
if(!empty($_SESSION['login_user']))
{
$_SESSION['login_user']='';
session_destroy();
}
header("Location:index.php");
?>
```

## db.php

Database configuration file, modify username, password and database values.

```
<?php
define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'username');
define('DB_PASSWORD', 'password');
define('DB_DATABASE', 'database');
```

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```
$db = mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_DATABASE);  
?>
```

Was this article helpful?

Yes, thanks!

Not really

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#### 29 comments:

**ANONYMOUS** JULY 8, 2014 AT 11:22 PM

```
data: {  
'username': username,  
'password': password  
},
```

**Reply**

**ANONYMOUS** JULY 8, 2014 AT 11:24 PM

And is necessary serialize the SESSION var

**Reply**

**ANONYMOUS** JULY 9, 2014 AT 3:10 AM

Please use PDO and indentation.

**Reply**

**ARKAPRAVA MAJUMDER** JULY 9, 2014 AT 3:42 PM

I have checked that wordpress has used this effect. can you please post here that how can we implement shake effect via custom javascript or jquery?

**Reply**

**ANONYMOUS** JULY 9, 2014 AT 7:07 PM

Pretty nifty...what the registration part to upload profile.

**Reply**

**ANONYMOUS** JULY 9, 2014 AT 7:51 PM

How you add the login and password you want?

**Reply**



**NOUFAL BINU** JULY 9, 2014 AT 10:59 PM

Great one! Thanks for sharing with us Srinivas :)

**Reply**

**ANONYMOUS** JULY 9, 2014 AT 11:47 PM

how draw image flow by software? thanks

**Reply**

**ANONYMOUS** JULY 10, 2014 AT 1:17 AM

Why don't you just do:

```
data: $('form').serialize()
```

Making string out of field vals is just pain in the azz :)

**Reply**



**ANKUR LAKHANI** JULY 10, 2014 AT 2:59 AM

Very Good Example for login. Will definitely try it. Thanks.

**Reply**

## Replies



**PRADISH PAULRAJ** NOVEMBER 26, 2015 AT 6:08 AM

goood

Reply



**AKSHAY** JULY 10, 2014 AT 5:40 AM

really nice. can you please tell me what this function will do. i am confused cause loading home.php but hiding it as well. bit confusing below line

```
$("#body").load("home.php").hide().fadeIn(1500).delay(6000);
```

thank you in advance

Reply

**ANONYMOUS** JULY 11, 2014 AT 9:21 AM

you also using hide function as well

Reply

**ANONYMOUS** AUGUST 4, 2014 AT 8:01 AM

Handling error cases in the success function is just fundamentally wrong. There is an error field for a reason. If the login is was not successful, send a 401 back to the client. Due to this and the points already mentioned in previous comments, I do not recommend this tutorial at all.

Reply

**ANONYMOUS** SEPTEMBER 24, 2014 AT 6:30 AM

how to connect to sql server ,help!

**Reply****FABIAN DZUL MOO** SEPTEMBER 24, 2014 AT 1:08 PM

how to validate a user to redirect to different pages ?, examples home\_user, home\_admin  
please thanks

**Reply****TAJ** SEPTEMBER 30, 2014 AT 5:02 AM

Error Message Not Showing Up PLZ Help Me.

**Reply****ANONYMOUS** OCTOBER 12, 2014 AT 10:52 AM

How can we, on the home page, take back the information like the e-mail and username?

**Reply****VIP3R011** NOVEMBER 17, 2014 AT 5:15 PM

dont work even if i create the users manually, a admin ui to add user would be nice

**Reply****MIHAIL LLAFTIU** NOVEMBER 18, 2014 AT 3:36 PM

I downloaded. I m using xampp so i can try it, i created login "db" and there i instert the:

```
CREATE TABLE `users` (  
  `uid` INT(11) NOT NULL AUTO_INCREMENT ,  
  `username` VARCHAR(45) ,  
  `password` VARCHAR(100) ,  
  `email` VARCHAR(45) ,  
  `friend_count` INT(11) ,  
  `profile_pic` VARCHAR(150),
```

PRIMARY KEY (`uid`));

after that, i insert username and password client on the tables. Then i changed "db.php" conditions with mine:

but still is not "sing me in", any help?

**Reply**



**UNKNOWN** DECEMBER 11, 2014 AT 5:39 PM

in what db is the table uses?

**Reply**



**ROCH** DECEMBER 16, 2014 AT 12:57 PM

Change it in dp.php

define('DB\_DATABASE', 'wall'); //"wall" for "demo" or where you created the table users.

**Reply**

**ANONYMOUS** DECEMBER 21, 2014 AT 11:01 PM

Hey can you make a video TUtorial please because i am stuck on creating tables. So i created a mysql database then i opened it using phpmyadmin. But the problem is i dont know hwhat to do after that

**Reply**

**ANONYMOUS** JANUARY 16, 2015 AT 8:01 AM

Gracias por el código.

**Reply**

**ANONYMOUS** FEBRUARY 25, 2015 AT 4:51 PM

Mihail Llaftiu , Use md5() when you insert the password into MySql, or cut it in the code.

**Reply**



**SOCIODIM** AUGUST 25, 2015 AT 9:38 AM

>Mihail Llaftiu , Use md5() when you insert the password into MySql, or cut it in the code.

>February 25, 2015 at 4:51 PM

Anonymous, Thank you :)

**Reply**



**MR. SAM** MARCH 12, 2016 AT 9:03 AM

not working, it always show: Error: Invalid username and password.

**Reply**

Replies



**SRINIVAS TAMADA** MARCH 18, 2016 AT 12:45 PM

Demo fixed.

**Reply**



**SAJJAD HOSSAIN** JUNE 23, 2016 AT 11:55 PM

Great tutorial and helpful, I have also created a [Ajax Login Form Using jQuery and PHP](#) how it is?

**Reply**

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