

# PHP - MySQL Login

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This tutorial demonstrates how to create a login page with MySQL Data base. Before enter into the code part, You would need special privileges to create or to delete a MySQL database. So assuming you have access to root user, you can create any database using mysql mysqladmin binary.

## Config.php

Config.php file is having information about MySQL Data base configuration.

```
<?php
define('DB_SERVER', 'localhost:3036');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', 'rootpassword');
define('DB_DATABASE', 'database');
$db = mysqli_connect(DB_SERVER,DB_USERNAME,DB_PASSWORD,DB_DATABASE);
?>
```

## Login.php

Login PHP is having information about php script and HTML script to do login.

```
<?php
include("config.php");
session_start();

if($_SERVER["REQUEST_METHOD"] == "POST") {
    // username and password sent from form

    $myusername = mysqli_real_escape_string($db,$_POST['username']);
    $mypassword = mysqli_real_escape_string($db,$_POST['password']);

    $sql = "SELECT id FROM admin WHERE username = '$myusername' and passcode = '$mypassword'";
    $result = mysqli_query($db,$sql);
    $row = mysqli_fetch_array($result,MYSQLI_ASSOC);
    $active = $row['active'];

    $count = mysqli_num_rows($result);

    // If result matched $myusername and $mypassword, table row must be 1 row

    if($count == 1) {
        session_register("myusername");
        $_SESSION['login_user'] = $myusername;
```

```

        header("location: welcome.php");
    }else {
        $error = "Your Login Name or Password is invalid";
    }
}
?>
<html>

<head>
<title>Login Page</title>

<style type = "text/css">
    body {
        font-family:Arial, Helvetica, sans-serif;
        font-size:14px;
    }
    label {
        font-weight:bold;
        width:100px;
        font-size:14px;
    }
    .box {
        border:#666666 solid 1px;
    }
</style>

</head>

<body bgcolor = "#FFFFFF">

    <div align = "center">
        <div style = "width:300px; border: solid 1px #333333; " align = "left">
            <div style = "background-color:#333333; color:#FFFFFF; padding:3px;"><b>Login</b></div>

            <div style = "margin:30px">

                <form action = "" method = "post">
                    <label>UserName :</label><input type = "text" name = "username" class = "box" />
                    <label>Password :</label><input type = "password" name = "password" class = "box" />
                    <input type = "submit" value = " Submit " /><br />
                </form>

                <div style = "font-size:11px; color:#cc0000; margin-top:10px"><?php echo $error
            </div>

        </div>

    </div>

</body>
</html>

```

## welcome.php

After successful login, it will display welcome page.

```

<?php
    include('session.php');
?>
<html">

```

```
<head>
  <title>Welcome </title>
</head>

<body>
  <h1>Welcome <?php echo $login_session; ?></h1>
  <h2><a href = "logout.php">Sign Out</a></h2>
</body>

</html>
```

## Logout page

Logout page is having information about how to logout from login session.

```
<?php
    session_start();

    if(session_destroy()) {
        header("Location: login.php");
    }
?>
```

## session.php

Session.php will verify the session, if there is no session it will redirect to login page.

```
<?php
    include('config.php');
    session_start();

    $user_check = $_SESSION['login_user'];

    $ses_sql = mysqli_query($db,"select username from admin where username = '$user_check' ");

    $row = mysqli_fetch_array($ses_sql,MYSQLI_ASSOC);

    $login_session = $row['username'];

    if(!isset($_SESSION['login_user'])){
        header("location:login.php");
    }
?>
```

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