

USER REGISTRATION & LOGIN

1. Create a Database

To create a database, login to **phpmyadmin** and click on database tab, enter your database name and click on create database button or simply execute the below query. In my case i created database with the name **register**.

```
CREATE DATABASE register;
```

2. Creating a Database Table

To create table, execute the below query in SQL.

```
CREATE TABLE IF NOT EXISTS `users` (  
  `id` int(11) NOT NULL AUTO_INCREMENT,  
  `username` varchar(50) NOT NULL,  
  `email` varchar(50) NOT NULL,  
  `password` varchar(50) NOT NULL,  
  `trn_date` datetime NOT NULL,  
  PRIMARY KEY (`id`)  
);
```

3. Creating a Registration Form

Simple create a page with name **registration.php** and paste the following code in it.

```
<!DOCTYPE html>  
  
<html>
```

```
<head>

<meta charset="utf-8">

<title>Registration</title>

<link rel="stylesheet" href="css/style.css" />

</head>

<body>

<?php

require('db.php');

// If form submitted, insert values into the database.

if (isset($_REQUEST['username'])) {

    // removes backslashes

    $username = stripslashes($_REQUEST['username']);

    //escapes special characters in a string

    $username = mysqli_real_escape_string($con,$username);

    $email = stripslashes($_REQUEST['email']);

    $email = mysqli_real_escape_string($con,$email);

    $password = stripslashes($_REQUEST['password']);

    $password = mysqli_real_escape_string($con,$password);

    $trn_date = date("Y-m-d H:i:s");

    $query = "INSERT into `users` (username, password, email,
trn_date)
```

```
VALUES ('$username', '".md5($password)."', '$email', '$trn_date');"

    $result = mysqli_query($con,$query);

    if($result){

        echo "<div class='form'>

<h3>You are registered successfully.</h3>

<br/>Click here to <a href='login.php'>Login</a></div>";

    }

    }else{

?>

<div class="form">

<h1>Registration</h1>

<form name="registration" action="" method="post">

<input type="text" name="username" placeholder="Username" required />

<input type="email" name="email" placeholder="Email" required />

<input type="password" name="password" placeholder="Password" required

/>

<input type="submit" name="submit" value="Register" />

</form>

</div>

<?php } ?>

</body>
```

```
</html>
```

4. Creating a Login Form

Create a page with name **login.php** and paste the following code in it.

```
<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Login</title>

<link rel="stylesheet" href="css/style.css" />

</head>

<body>

<?php

require('db.php');

session_start();

// If form submitted, insert values into the database.

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

    // removes backslashes

    $username = stripslashes($_REQUEST['username']);

    //escapes special characters in a string
```

```

$username = mysqli_real_escape_string($con,$username);

$password = stripslashes($_REQUEST['password']);

$password = mysqli_real_escape_string($con,$password);

//Checking is user existing in the database or not

$query = "SELECT * FROM `users` WHERE username='$username'
and password='".md5($password)."'";

$result = mysqli_query($con,$query) or die(mysql_error());

$rows = mysqli_num_rows($result);

if($rows==1){

    $_SESSION['username'] = $username;

    // Redirect user to index.php

    header("Location: index.php");

}else{

    echo "<div class='form'>

<h3>Username/password is incorrect.</h3>

<br/>Click here to <a href='login.php'>Login</a></div>";

    }

}else{

?>

<div class="form">

```

```

<h1>Log In</h1>

<form action="" method="post" name="login">

<input type="text" name="username" placeholder="Username" required />

<input type="password" name="password" placeholder="Password" required
/>

<input name="submit" type="submit" value="Login" />

</form>

<p>Not registered yet? <a href='registration.php'>Register
Here</a></p>

</div>

<?php } ?>

</body>

</html>

```

5. Connect to the Database

Create a page with name **db.php** and paste the below code in it.

```

<?php

// Enter your Host, username, password, database below.

// I left password empty because i do not set password on localhost.

$con = mysqli_connect("localhost","root","","register");

// Check connection

if (mysqli_connect_errno())

```

```
{  
  
    echo "Failed to connect to MySQL: " . mysqli_connect_error();  
  
}  
  
?>
```

6. Authenticate Logged in User

Create a page with name **auth.php** and paste the below code in it.

```
<?php  
  
session_start();  
  
if(!isset($_SESSION["username"])){  
  
    header("Location: login.php");  
  
    exit(); }  
  
?>
```

7. Creating Index Page

Create a page with name **index.php** and paste the below code in it.

```
<?php  
  
//include auth.php file on all secure pages  
  
include("auth.php");  
  
?>  
  
<!DOCTYPE html>
```

```
<html>

<head>

<meta charset="utf-8">

<title>Welcome Home</title>

<link rel="stylesheet" href="css/style.css" />

</head>

<body>

<div class="form">

<p>Welcome <?php echo $_SESSION['username']; ?>!</p>

<p>This is secure area.</p>

<p><a href="dashboard.php">Dashboard</a></p>

<a href="logout.php">Logout</a>

</div>

</body>

</html>
```

8. Creating Dashboard Page

Create a page with name **dashboard.php** and paste the below code in it.

```
<?php

require('db.php');
```



```
include("auth.php");

?>

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title>Dashboard - Secured Page</title>

<link rel="stylesheet" href="css/style.css" />

</head>

<body>

<div class="form">

<p>Dashboard</p>

<p>This is another secured page.</p>

<p><a href="index.php">Home</a></p>

<a href="logout.php">Logout</a>

</div>

</body>

</html>
```

9. Creating a Log Out

Create a page with name **logout.php** and paste the following code in it.

```
<?php
session_start();
// Destroying All Sessions
if(session_destroy())
{
// Redirecting To Home Page
header("Location: login.php");
}
?>
```

10. Creating a CSS File

Create a page with name **style.css** and paste the below code in it.

```
body {
    font-family:Arial, Sans-Serif;
}
.clearfix:before, .clearfix:after{
    content: "";
    display: table;
}
```

```
.clearfix:after{
    clear: both;
}
a{
    color:#0067ab;
    text-decoration:none;
}
a:hover{
    text-decoration:underline;
}
.form{
    width: 300px;
    margin: 0 auto;
}
input[type='text'], input[type='email'],
input[type='password'] {
    width: 200px;
    border-radius: 2px;
    border: 1px solid #CCC;
    padding: 10px;
```

```
    color: #333;

    font-size: 14px;

    margin-top: 10px;
}

input[type='submit']{

    padding: 10px 25px 8px;

    color: #fff;

    background-color: #0067ab;

    text-shadow: rgba(0,0,0,0.24) 0 1px 0;

    font-size: 16px;

    box-shadow: rgba(255,255,255,0.24) 0 2px 0 0 inset,#fff 0 1px 0
0;

    border: 1px solid #0164a5;

    border-radius: 2px;

    margin-top: 10px;

    cursor:pointer;
}

input[type='submit']:hover {

    background-color: #024978;
}
```