# 17CS2015 Web Technology Lab

## Ex. 8. PHP – Database Connection

### URK17CS127

**Date:**

Design a **Registration and login system** in PHP using cookies and mysql connection. Use mysql database to store user details and cookies to remember user details in the local machine.

**Part 1: Make the database connection**

Write a PHP file that can be added to other PHP files using the require functions. This file should:

- Make a connection to a MySQL database, and log in with valid credentials. The connection resource should be stored in a variable with an appropriate name.

**Part 2: Write the registration form**

Write a PHP file that will output a form containing 3 fields: username, password, and phone number. Also display the registered user names. These fields should be sent via POST to the same file, which should take care of inserting them into a database named **members** and table named **users** (as shown above), and then confirm the registration by displaying the username and phone number back to the browser.

**Connect.php:**

```php
<?php
$conn=mysqli_connect('webtech.karunya.edu','urk17cs127','KUMMARIGURU
DEV@7','urk17cs127');
if(!$conn){
    die('Connection Error : '.mysqli_connection_error());
}
?>
```

**Index.php:**

```php
<?php session_start(); if(isset($_SESSION['user'])){
```

```
        header('location:success.php');
}?>
<!doctype HTML>
<html>
  <head>
     <title>Register</title>
     <style>
        body{
          font-family:Verdana;
          text-align: center;
          background-color:#F73859;
        }
        .container{

          position:absolute;
          top:50%;
          left:50%;
          transform: translate(-50%,-50%);
          text-align: center;
          height:70%;
          width:33%;
          background-color:#252525;
          border-radius: 8px;
          padding:5% 1%;
          padding-top:0;
        }
        .container *{
          display:block;
          margin:7% auto;
        }
        .container input[type='text'],.container input[type='password']{
```

```css
      text-align: center;

      border:2px solid #3498db;

      outline:none;

      background:none;

      padding:14px 10px;

      color:white;

      width:60%;

      border-radius:24px;


}
.c{

   margin-top:10%;


}
input[type='submit']{

   padding:14px 10px;

   width:30%;

   background:none;

   border-radius: 24px;

   border:2px solid #2ecc71;

   color:white;

}
input[type='submit']:hover{

   background:#2ecc71;

   transition:0.3s;

}
.cpy{

   position:absolute;

   bottom:0;

   left:50%;

   transform:translate(-50%);
```

```
                }
            </style>
        </head>
        <body>
          <div class="container">
          <h1                          style="color:white;font-size:4rem;font-weight:
500;">REGISTER</h1>
              <form action="register.php" method="post">
                <input class='c' type="text" name="username" placeholder="Username"
required autofocus>
                <input type="text" name="phno" placeholder="Phone Number" required
pattern="[0-9]{10}">
                <input  type="password"  name="password"  placeholder="Password"
required>
                <input type="submit" value="Register">
              </form>
              <form action='login.php' method='post'>
                <span style='color:white;'>Already Registered?</span>
                <input type='submit' value='Login'>
                <a  style='color:white;'  href="people.php">View  people  who  have
already registered</a>
              </form>
              </div>
            <center class="cpy">&copy;kummari Gurudev - URK17CS127</center>
            </body>
</html>
```

**Login.php:**

```
        <?php session_start(); if(isset($_SESSION['user'])){
          header('location:success.php');
        }?>
        <!doctype HTML>
```

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```html
<html>
  <head>
    <title>Login Page</title>
    <style>
      body{
        font-family:Verdana;
        text-align: center;
        background-color:#F73859;
      }
      .container{

        position:absolute;
        top:50%;
        left:50%;
        transform: translate(-50%,-50%);
        text-align: center;
        height:70%;
        width:33%;
        background-color:#252525;
        border-radius: 8px;
        padding:5% 1%;
      }
      .container *{
        display:block;
        margin:7% auto;
      }
      .container input[type='text'],.container input[type='password']{
        text-align: center;
        border:2px solid #3498db;
        outline:none;
        background:none;
```

```css
      padding:14px 10px;
      color:white;
      width:60%;
      border-radius:24px;


    }
    .container input[type='text']{
      margin-top:15%;


    }
    input[type='submit']{
      padding:14px 10px;
      width:30%;
      background:none;
      border-radius: 24px;
      border:2px solid #2ecc71;
      color:white;
    }
    input[type='submit']:hover{
      background:#2ecc71;
      transition:0.3s;
    }
    .cpy{
      position:absolute;
      bottom:0;
      left:50%;
      transform:translate(-50%);
    }
  </style>
</head>
<body>
```
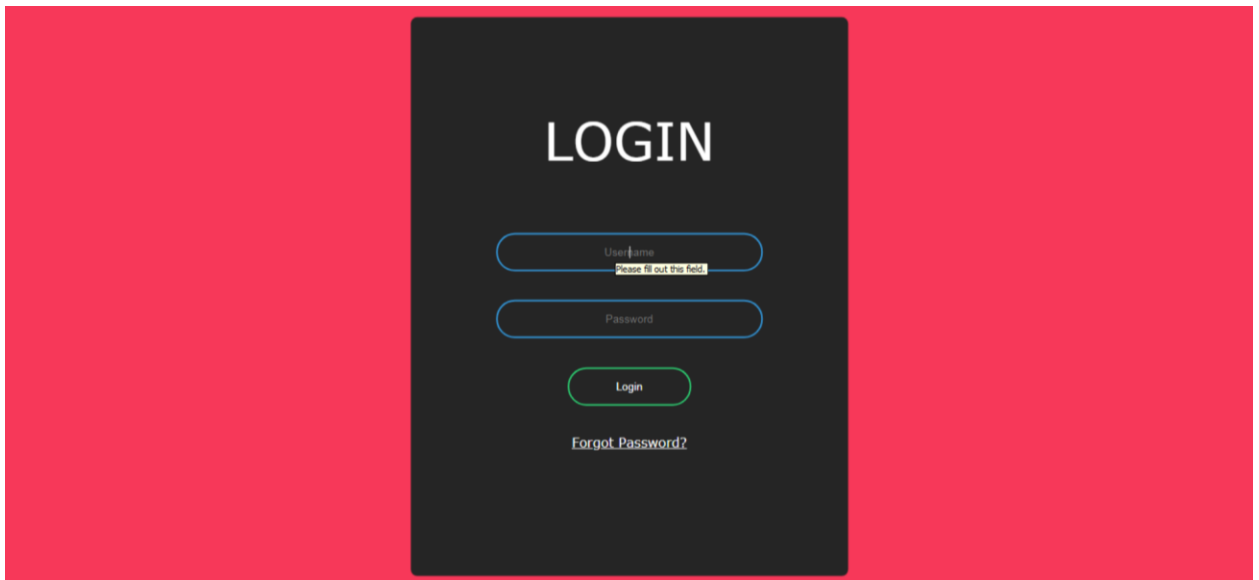
```
<div class="container">
<h1 style="color:white;font-size:4rem;font-weight: 500;">LOGIN</h1>
<form action="logon.php" method="post">
    <input type="text" name="username" placeholder="Username" required autofocus>
    <input type="password" name="password" placeholder="Password" required>

    <input type="submit" value="Login">
    <a style='color:white;' href='reset.php'>Forgot Password?</a>
</form>
</div>
<center class="cpy">&copy;kummari Gurudev - URK17CS127</center>
</body>
</html>
```



**Logon.php:**

```php
<?php
require_once 'connect.php';
$username=$_POST['username'];
session_start();
```

```php
        $password=sha1($_POST['password']);

        $q1="select * from members where username='$username' and
password='$password';";

        $res=mysqli_query($conn,$q1);

        if(mysqli_num_rows($res)==0){

           echo "<script>alert('Wrong Username or Password. Please try
again.');location='login.php';</script>";

        }

        else{

           $_SESSION['user']=$username;


           header('location:success.php');

        }

?>
```

**logout.php:**

```php
        <?php session_start();

        session_destroy();

        header('location:login.php');

?>
```

**People.php:**

```php
        <?php

        require_once "connect.php";

        $q1='select username from members;';

        $res=mysqli_query($conn,$q1);

        $p="";

        while($row=mysqli_fetch_array($res)){

           $p=$p."<tr><td>".$row['username']."</td></tr>";

        }

        ?>

        <html>
```

```html
<head>
  <title>People</title>
  <style>
    body{
      font-family:Verdana;
      text-align: center;
      background-color:#F73859;
    }
    .container{
      background-color:#252525;
      border-radius: 8px;
      padding:5% 1%;
      display:inline-block;
      width:50%;
      position:absolute;
      top:50%;
      left:50%;
      transform:translate(-50%,-50%);
    }
    table *{
      font-size:2rem;
      color:white;
    }
    table{
      border:2px solid white;
      margin: 0 auto;
    }
    th,td{
      border-bottom:2px solid white;
    }
  </style>
```
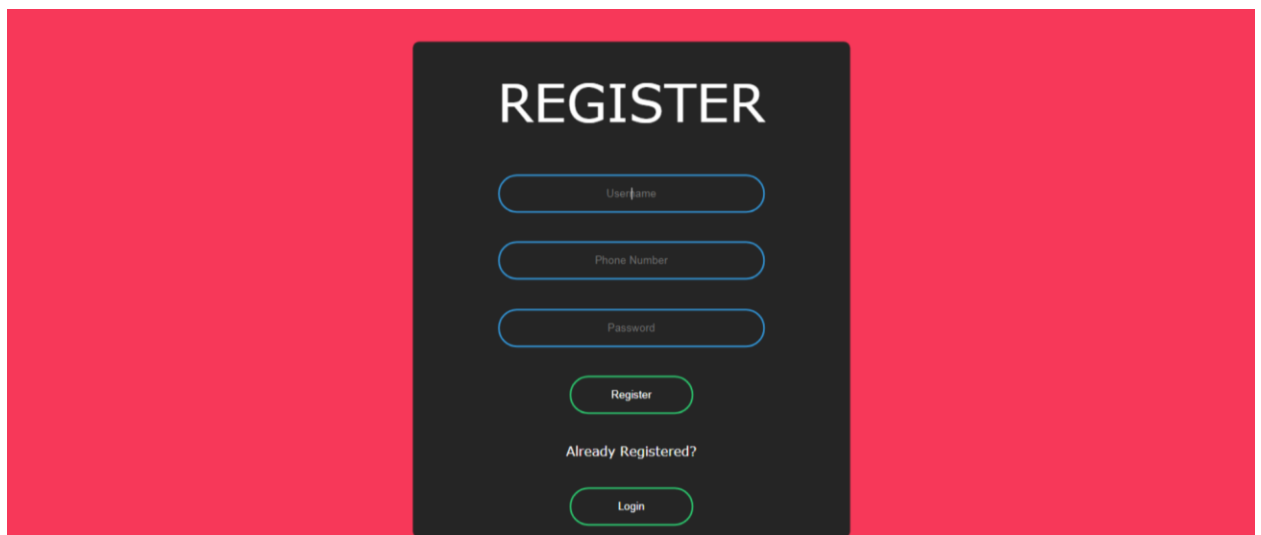
```
      </head>
      <body style='text-align: center;'>
        <div class='container'>
        <table width='100%'>
          <tr><th>Username</th></tr>
        <?php echo $p;?>
        </table>
        </div>
      </body>
</html>
```

**Register.php:**

```php
<?php
require_once 'connect.php';
$username=$_POST['username'];
$password=sha1($_POST['password']);
$phno=$_POST['phno'];
$q1="select * from members where username='$username'; ";
if(!$res=mysqli_query($conn,$q1)){
   echo "<script>alert('Error');</script>";
}
else{
if(mysqli_num_rows($res)>0){
   echo   "<script>alert('You     are     already     Registered.     Please
Login.');location='login.php';</script>";

}
else{
   $q2="insert into members values('$username','$password','$phno');";
   if(!mysqli_query($conn,$q2)){
      echo "<script>alert('Some error in registering. Try again.');</script>";
   }
```

```php
        else{

            echo        "<script>alert('Successfully        Registered.        Please
  Login.');location='login.php'</script>";


        }


    }
}
```



**Reset.php:**

```php
<?php?>
<!doctype HTML>
<html>
  <head>
    <title>Reset Password</title>
    <style>
      body{
        font-family:Verdana;
        text-align: center;
        background-color:#F73859;
      }
```

```css
.container{

    position:absolute;
    top:50%;
    left:50%;
    transform: translate(-50%,-50%);
    text-align: center;
    height:70%;
    width:33%;
    background-color:#252525;
    border-radius: 8px;
    padding:5% 1%;
    padding-top:0;
}
.container *{
    display:block;
    margin:7% auto;
}
.container input[type='text'],.container input[type='password']{
    text-align: center;
    border:2px solid #3498db;
    outline:none;
    background:none;
    padding:14px 10px;
    color:white;
    width:60%;
    border-radius:24px;

}
.c{
    margin-top:10%;
```

```
          }
          input[type='submit']{
            padding:14px 10px;
            width:30%;
            background:none;
            border-radius: 24px;
            border:2px solid #2ecc71;
            color:white;
          }
          input[type='submit']:hover{
            background:#2ecc71;
            transition:0.3s;
          }
          .cpy{
            position:absolute;
            bottom:0;
            left:50%;
            transform:translate(-50%);
          }
        </style>
      </head>
      <body>
        <div class="container">
         <h1      style="color:white;font-size:4rem;font-weight:      500;">RESET
PASSWORD</h1>
          <form action="resetpass.php" method="post">
            <input type="text" name="username" placeholder="Username" required
autofocus>
            <input type="text" name="phno" placeholder="Phone Number" required
pattern="[0-9]{10}">
```

```
              <input     type="password"     name="password"     placeholder="New
Password" required>

              <input type="submit" value="Reset">

          </form>

          </div>

        <center class="cpy">&copy;kummari Gurudev - URK17CS127</center>

        </body>

</html>
```

**Success.php:**

```
        <?php session_start();?>

        <!doctype HTML>

        <html>

          <head>

            <title>Welcome</title>

            <style>

              body{

                font-family:Verdana;


                background-color:#F73859;

              }

              input[type='submit']{

                padding:14px 10px;

                width:30%;

                background:none;

                border-radius: 24px;

                border:2px solid #2ecc71;

                color:white;

              }

              input[type='submit']:hover{

                background:#2ecc71;

                transition:0.3s;
```
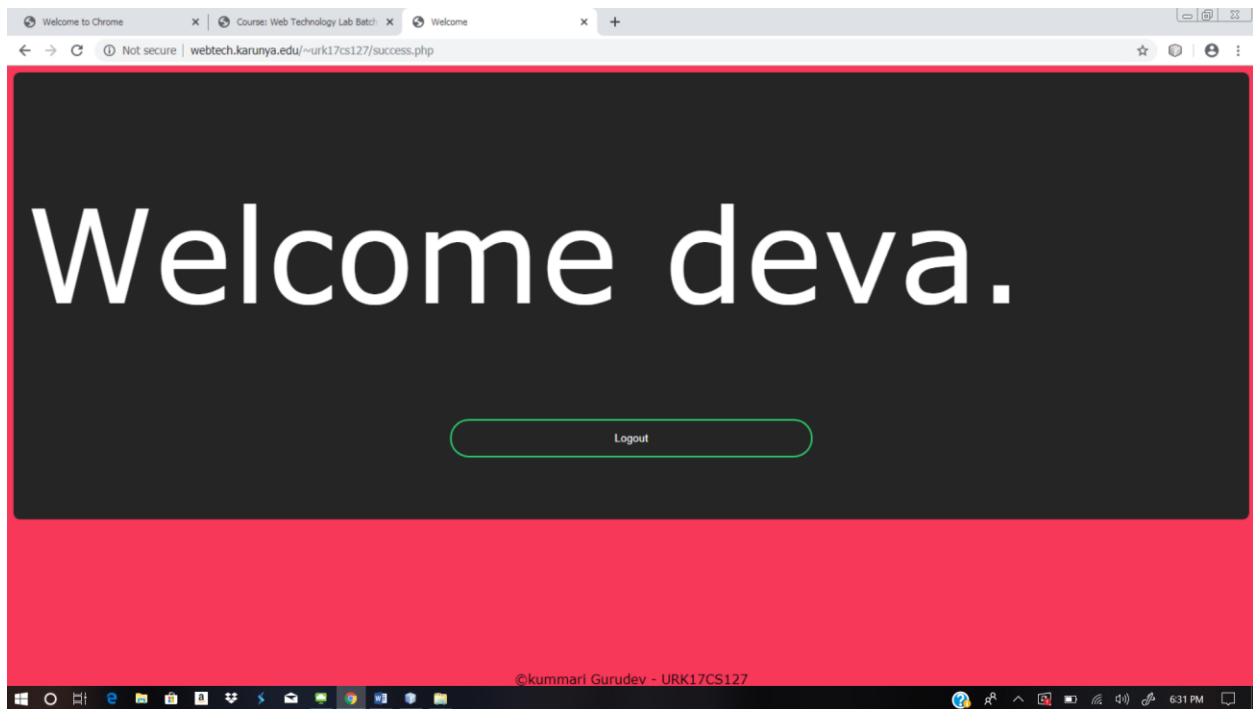
```
            }
            .cpy{
               position:absolute;
               bottom:0;
               left:50%;
               transform:translate(-50%);
            }
            .container{
               background-color:#252525;
               border-radius: 8px;
               padding:5% 1%;
               padding-top:1%;
            }
         </style>
      </head>
      <body>
         <div class='container'>
         <h1    style="color:white;font-size:10rem;font-weight:    500;">Welcome
 <?php echo $_SESSION['user'];?>.</h1>
            <form action='logout.php' method='post'>
               <center> <input type='submit' value='Logout'></center>
            </form>
            </div>
            <center class="cpy">&copy;kummari Gurudev - URK17CS127</center>
         </body>
</html>
```

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**Web site URL:** http://urk17cs127.rf.gd/Exercise8/

**You tube URL: https://youtu.be/h_D_9uVsXFM**