PHP Program To Create Login And Logout Using Sessions

// Form.php

```php
<!DOCTYPE html>
<html>
<body>

<form method="post" action="login.php">
User Id: <input type="text" name="userid"><br>
Password: <input type="password" name="password"><br>
<input type="submit" value="Login">
</form>

</body>
</html>
```

// Login.PHP

```php
<!DOCTYPE html>
<html>
<body>

<?php
$uid = $_POST['userid'];
$pw = $_POST['password'];

if($uid == 'ben' and $pw == 'ben23')
{
    session_start();
    $_SESSION['sid']=session_id();
    echo "Logged in successfully";
}
?>

</body>
</html>
```

// Logout.PHP

```php
<!DOCTYPE html>
<html>
<body>

<?php

    echo "Logged out successfully";

    session_start();
    session_destroy();

?>

</body>
</html>
```

How to Create Login and Logout Page with Session and Cookies in PHP

1. Open phpMyAdmin.
2. Click databases, create a database and name it as "cookie".
3. After creating a database, click the SQL and paste the below code. See image below for detailed instruction.

```sql
CREATE TABLE `user` (
`userid` INT(11) NOT NULL AUTO_INCREMENT,
`username` VARCHAR(30) NOT NULL,
`password` VARCHAR(30) NOT NULL,
`fullname` VARCHAR(60) NOT NULL,
PRIMARY KEY (`userid`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Inserting Data into our Database

Next, we insert users into our database. This will be our reference when we log in.

1. Click the database we created earlier.
2. Click SQL and paste the code below.

```sql
INSERT INTO `user` (`username`, `password`, `fullname`) VALUES
('neovic', 'devierte', 'neovic devierte'),
('lee', 'ann', 'lee ann');
```

Creating our Connection

conn.php

```php
1. <?php
2. $conn = mysqli_connect("localhost","root","","cookie");
3.
4. // Check connection
5. if (mysqli_connect_errno())
6. {
7. echo "Failed to connect to MySQL: " . mysqli_connect_error();
8. }
9. ?>
```

Creating our Login Form

index.php

```php
1.  <?php
2.  session_start();
3.  include('conn.php');
4.  ?>
5.  <!DOCTYPE html>
6.  <html>
7.  <head>
8.  <title>Login Using Cookie with Logout</title>
9.  </head>
10.     <body>
11.     <h2>Login Form</h2>
12.     <form method="POST" action="login.php">
13.     <label>Username:</label> <input type="text" value="<?php if
    (isset($_COOKIE["user"])){echo $_COOKIE["user"];}?>" name="username">
14.     <label>Password:</label> <input type="password" value="<?php if
    (isset($_COOKIE["pass"])){echo $_COOKIE["pass"];}?>"
    name="password"><br><br>
15.     <input type="checkbox" name="remember" <?php if
    (isset($_COOKIE["user"]) && isset($_COOKIE["pass"])){ echo "checked";}?>>
    Remember me <br><br>
16.     <input type="submit" value="Login" name="login">
17.     </form>
18.
19.     <span>
20.     <?php
21.     if (isset($_SESSION['message'])){
22.     echo $_SESSION['message'];
23.     }
24.     unset($_SESSION['message']);
25.     ?>
26.     </span>
27.     </body>
28.     </html>
```

Creating our Login Success Page

success.php

```php
1.  <?php
2.  session_start();
3.
4.  if (!isset($_SESSION['id']) ||(trim ($_SESSION['id']) == '')) {
5.  header('index.php');
6.  exit();
7.  }
8.  include('conn.php');
```

```php
9.  $query=mysqli_query($conn,"select * from user where
    userid='".$_SESSION['id']."'");
10.      $row=mysqli_fetch_assoc($query);
11.      ?>
12.      <!DOCTYPE html>
13.      <html>
14.      <head>
15.      <title>Setting Up Cookie on User Login</title>
16.      </head>
17.      <body>
18.      <h2>Login Success</h2>
19.      <?php echo $row['fullname']; ?>
20.      <br>
21.      <a href="logout.php">Logout</a>
22.      </body>
23.      </html>
```

Creating our Logout Script

logout.php

```php
1.  <?php
2.  session_start();
3.  session_destroy();
4.
5.  if (isset($_COOKIE["user"]) AND isset($_COOKIE["pass"])){
6.  setcookie("user", '', time() - (3600));
7.  setcookie("pass", '', time() - (3600));
8.  }
9.
10.     header('location:index.php');
11.
12.     ?>
```

PHP Login logout example with session

login_user.sql

```sql
CREATE TABLE `login_user` (
  `id` int(11) NOT NULL,
  `name` varchar(60) NOT NULL,
  `user_name` varchar(20) NOT NULL,
  `password` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

login.php

```php
<?php
    session_start();
    $message="";
    if(count($_POST)>0) {
        $con =
mysqli_connect('127.0.0.1:3306','root','','admin') or
die('Unable To connect');
        $result = mysqli_query($con,"SELECT * FROM login_user
WHERE user_name='" . $_POST["user_name"] . "' and password = '".
$_POST["password"]."'");
        $row  = mysqli_fetch_array($result);
        if(is_array($row)) {
        $_SESSION["id"] = $row['id'];
        $_SESSION["name"] = $row['name'];
        } else {
         $message = "Invalid Username or Password!";
        }
    }
    if(isset($_SESSION["id"])) {
    header("Location:index.php");
    }
?>
<html>
<head>
<title>User Login</title>
</head>
<body>
<form name="frmUser" method="post" action="" align="center">
```

```html
<div class="message"><?php if($message!="") { echo $message; }
?></div>
<h3 align="center">Enter Login Details</h3>
 Username:<br>
 <input type="text" name="user_name">
 <br>
 Password:<br>
<input type="password" name="password">
<br><br>
<input type="submit" name="submit" value="Submit">
<input type="reset">
</form>
</body>
</html>
```

index.php

```php
<?php
session_start();
?>
<html>
<head>
<title>User Login</title>
</head>
<body>

<?php
if($_SESSION["name"]) {
?>
Welcome <?php echo $_SESSION["name"]; ?>. Click here to <a
href="logout.php" tite="Logout">Logout.
<?php
}else echo "<h1>Please login first .</h1>";
?>
</body>
</html>
```

logout.php

```php
<?php
session_start();
unset($_SESSION["id"]);
unset($_SESSION["name"]);
header("Location:login.php");
?>
```

PHP CRUD Example

index.php

```php
<?php
include 'backend/database.php';
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <title>User Data</title>
    <link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Roboto|Varela+Roun
d">
    <link rel="stylesheet"
href="https://fonts.googleapis.com/icon?family=Material+Icons">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootst
rap.min.css">
    <link rel="stylesheet" href="css/style.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4/jquery.
min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstra
p.min.js"></script>
    <script src="ajax/ajax.js"></script>
</head>
<body>
    <div class="container">
        <p id="success"></p>
        <div class="table-wrapper">
            <div class="table-title">
                <div class="row">
                    <div class="col-sm-6">
                            <h2>Manage
<b>Users</b></h2>
                    </div>
                    <div class="col-sm-6">
```

```html
                                    <a
href="#addEmployeeModal" class="btn btn-success" data-
toggle="modal"><i class="material-icons"></i> <span>Add New
User</span></a>
                                    <a
href="JavaScript:void(0);" class="btn btn-danger"
id="delete_multiple"><i class="material-icons"></i>
<span>Delete</span></a>
                            </div>
                    </div>
            </div>
            <table class="table table-striped table-hover">
                <thead>
                    <tr>
                                <th>
                                    <span class="custom-
checkbox">
                                        <input
type="checkbox" id="selectAll">
                                        <label
for="selectAll"></label>
                                    </span>
                                </th>
                                <th>SL NO</th>
                    <th>NAME</th>
                    <th>EMAIL</th>
                                <th>PHONE</th>
                    <th>CITY</th>
                    <th>ACTION</th>
                        </tr>
                </thead>
                    <tbody>

                    <?php
                    $result = mysqli_query($conn,"SELECT *
FROM crud");
                            $i=1;
                            while($row =
mysqli_fetch_array($result)) {
                    ?>
                    <tr id="<?php echo $row["id"]; ?>">
                    <td>
                                        <span class="custom-
checkbox">
                                            <input
type="checkbox" class="user_checkbox" data-user-id="<?php echo
$row["id"]; ?>">
```

```php
                                                            <label
for="checkbox2"></label>
                                                </span>
                                        </td>
                                <td><?php echo $i; ?></td>
                                <td><?php echo $row["name"];
?></td>
                                <td><?php echo $row["email"];
?></td>
                                <td><?php echo $row["phone"];
?></td>
                                <td><?php echo $row["city"];
?></td>
                                <td>
                                        <a
href="#editEmployeeModal" class="edit" data-toggle="modal">
                                                <i class="material-
icons update" data-toggle="tooltip"
                                                        data-id="<?php echo
$row["id"]; ?>"
                                                        data-name="<?php
echo $row["name"]; ?>"
                                                        data-email="<?php
echo $row["email"]; ?>"
                                                        data-phone="<?php
echo $row["phone"]; ?>"
                                                        data-city="<?php
echo $row["city"]; ?>"
                                                        title="Edit"></i>
                                        </a>
                                        <a
href="#deleteEmployeeModal" class="delete" data-id="<?php echo
$row["id"]; ?>" data-toggle="modal"><i class="material-icons"
data-toggle="tooltip"
                                                        title="Delete"></i></a>
                                </td>
                        </tr>
                        <?php
                        $i++;
                        }
                        ?>
                        </tbody>
                </table>

        </div>
    </div>
        <!-- Add Modal HTML -->
```

```html
<div id="addEmployeeModal" class="modal fade">
    <div class="modal-dialog">
        <div class="modal-content">
            <form id="user_form">
                <div class="modal-header">
                    <h4 class="modal-title">Add User</h4>
                    <button type="button" class="close" data-dismiss="modal" aria-hidden="true">×</button>
                </div>
                <div class="modal-body">
                    <div class="form-group">
                        <label>NAME</label>
                        <input type="text" id="name" name="name" class="form-control" required>
                    </div>
                    <div class="form-group">
                        <label>EMAIL</label>
                        <input type="email" id="email" name="email" class="form-control" required>
                    </div>
                    <div class="form-group">
                        <label>PHONE</label>
                        <input type="phone" id="phone" name="phone" class="form-control" required>
                    </div>
                    <div class="form-group">
                        <label>CITY</label>
                        <input type="city" id="city" name="city" class="form-control" required>
                    </div>
                </div>
                <div class="modal-footer">
                    <input type="hidden" value="1" name="type">
                    <input type="button" class="btn btn-default" data-dismiss="modal" value="Cancel">
                    <button type="button" class="btn btn-success" id="btn-add">Add</button>
                </div>
            </form>
        </div>
    </div>
</div>
<!-- Edit Modal HTML -->
<div id="editEmployeeModal" class="modal fade">
    <div class="modal-dialog">
```

```html
<div class="modal-content">
    <form id="update_form">
        <div class="modal-header">
            <h4 class="modal-title">Edit User</h4>
            <button type="button" class="close" data-dismiss="modal" aria-hidden="true">×</button>
        </div>
        <div class="modal-body">
            <input type="hidden" id="id_u" name="id" class="form-control" required>
            <div class="form-group">
                <label>Name</label>
                <input type="text" id="name_u" name="name" class="form-control" required>
            </div>
            <div class="form-group">
                <label>Email</label>
                <input type="email" id="email_u" name="email" class="form-control" required>
            </div>
            <div class="form-group">
                <label>PHONE</label>
                <input type="phone" id="phone_u" name="phone" class="form-control" required>
            </div>
            <div class="form-group">
                <label>City</label>
                <input type="city" id="city_u" name="city" class="form-control" required>
            </div>
        </div>
        <div class="modal-footer">
            <input type="hidden" value="2" name="type">
            <input type="button" class="btn btn-default" data-dismiss="modal" value="Cancel">
            <button type="button" class="btn btn-info" id="update">Update</button>
        </div>
    </form>
</div>
</div>
</div>
<!-- Delete Modal HTML -->
<div id="deleteEmployeeModal" class="modal fade">
    <div class="modal-dialog">
```

```html
                    <div class="modal-content">
                        <form>

                            <div class="modal-header">
                                <h4 class="modal-title">Delete User</h4>
                                <button type="button" class="close" data-dismiss="modal" aria-hidden="true">×</button>
                            </div>
                            <div class="modal-body">
                                <input type="hidden" id="id_d" name="id" class="form-control">
                                <p>Are you sure you want to delete these Records?</p>
                                <p class="text-warning"><small>This action cannot be undone.</small></p>
                            </div>
                            <div class="modal-footer">
                                <input type="button" class="btn btn-default" data-dismiss="modal" value="Cancel">
                                <button type="button" class="btn btn-danger" id="delete">Delete</button>
                            </div>
                        </form>
                    </div>
                </div>
        </div>

</body>
</html>
```

backend/database.php

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "user";
$conn = mysqli_connect($servername, $username, $password, $dbname);
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
```

backend/save.php

```php
<?php
include 'database.php';
if(count($_POST)>0){
     if($_POST['type']==1){
          $name=$_POST['name'];
          $email=$_POST['email'];
          $phone=$_POST['phone'];
          $city=$_POST['city'];
          $sql = "INSERT INTO `crud`( `name`,
`email`,`phone`,`city`)
          VALUES ('$name','$email','$phone','$city')";
          if (mysqli_query($conn, $sql)) {
               echo json_encode(array("statusCode"=>200));
          }
          else {
               echo "Error: " . $sql . "<br>" .
mysqli_error($conn);
          }
          mysqli_close($conn);
     }
}
if(count($_POST)>0){
     if($_POST['type']==2){
          $id=$_POST['id'];
          $name=$_POST['name'];
          $email=$_POST['email'];
          $phone=$_POST['phone'];
          $city=$_POST['city'];
          $sql = "UPDATE `crud` SET
`name`='$name',`email`='$email',`phone`='$phone',`city`='$city'
WHERE id=$id";
          if (mysqli_query($conn, $sql)) {
               echo json_encode(array("statusCode"=>200));
          }
          else {
               echo "Error: " . $sql . "<br>" .
mysqli_error($conn);
          }
          mysqli_close($conn);
     }
}
if(count($_POST)>0){
     if($_POST['type']==3){
          $id=$_POST['id'];
          $sql = "DELETE FROM `crud` WHERE id=$id ";
```

```php
                if (mysqli_query($conn, $sql)) {
                        echo $id;
                }
                else {
                        echo "Error: " . $sql . "<br>" .
mysqli_error($conn);
                }
                mysqli_close($conn);
        }
}
if(count($_POST)>0){
        if($_POST['type']==4){
                $id=$_POST['id'];
                $sql = "DELETE FROM crud WHERE id in ($id)";
                if (mysqli_query($conn, $sql)) {
                        echo $id;
                }
                else {
                        echo "Error: " . $sql . "<br>" .
mysqli_error($conn);
                }
                mysqli_close($conn);
        }
}

?>
```