

Lab#5 Using PHP OOP, implement following using design of lab 3:

- a. Create a database for mobile shopping.**
- b. Implement registration page and login system with session management**
- c. Store details like password, time of login and url in the cookies.**

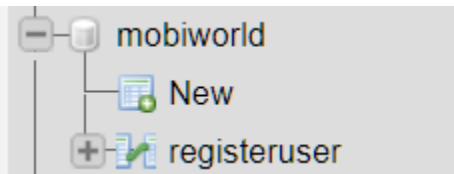
1. Create a database for mobile shopping.**Final outcome:****1. Database = Mobiworld****2. Table in Database**

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> registeruser	★ Browse Structure Search Insert Empty Drop	4	InnoDB	utf8mb4_general_ci	32.0 KiB	
1 table	Sum	4	InnoDB	utf8mb4_general_ci	32.0 KiB	0 B

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	srno	int(51)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	name	varchar(95)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	email	varchar(125)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	password	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 5	repassword	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More

☐ Check all With selected: ☐ Browse ☐ Change ☐ Drop ☐ Primary ☐ Unique ☐ Index ☐ Spatial ☐ Fulltext ☐ Add to central columns

2. Implement registration page and login system with session management

Final outcome:

A.1 Registration page – before filling detail

The screenshot shows a web browser window with the URL `localhost/awt/signup.php`. The page has a dark header with the site name 'Mobi World' and navigation links: 'About Us', 'Contact', 'Categories', 'Login', and 'Sign Up'. The main content area is titled 'Mobi World User registration'. It contains four input fields: 'Name' (filled with 'Advance Web Technology LAB'), 'Email' (filled with 'awt@gmail.com'), 'Password' (filled with seven dots), and 'Re-Password' (filled with seven dots). Below the fields is a green 'Register' button. At the bottom, there is a link 'Alredy Have an account? [Log In Here](#)'. The Windows taskbar is visible at the bottom of the browser window.

A.2 Registration page – After filling detail and When user click on Register

This screenshot shows the same registration page after the user has clicked the 'Register' button. The input fields are now empty. The 'Email' field contains the text 'dataserver'. Below the 'Re-Password' field, a green message box displays 'Record Added Successfully'. The 'Register' button remains visible. The 'Log In Here' link is still present at the bottom. The header and taskbar are consistent with the previous screenshot.

Code Snippet:

```
<?php include "config.php"; ?>
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Login :: Mobiworld</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
gH2yIJqKdNHPEqOn4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vI1Bx"
crossorigin="anonymous">
  </head>
  <body>
    <!--nav bar-->
    <nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark">
      <div class="container-fluid">
        <a class="navbar-brand" href="index.html">Mobi World</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarNavAltMarkup" aria-controls="navbarNavAltMarkup" aria-expanded="false"
aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
          <div class="navbar-nav">
            <a class="nav-link" href="#">About Us</a>
            <a class="nav-link" href="#">Contact</a>
            <li class="nav-item dropdown">
              <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-
toggle="dropdown" aria-expanded="false">
                Categories
              </a>
              <ul class="dropdown-menu">
                <li><a class="dropdown-item" href="#">Oppo</a></li>
                <li><a class="dropdown-item" href="#">Vivo</a></li>
                <li><a class="dropdown-item" href="#">Samsung</a></li>
```

```

        <li><a class="dropdown-item" href="#">Iphone</a></li>
    </ul>
</li>
<a class="nav-link" href="login.html">Login</a>
<a class="nav-link" href="signup">Sign Up</a>
</div>
</div>
</div>
</nav>
<!--Login -->
<br><br>
<div class="container text-center">
    <div class="row">
        <div class="col align-self-center ">
            <form action="" method="post" >
                <br> <br> <br>
                <h1 class="center">Mobi World User registration</h1><br> <br> <br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Name :</span>
                    <input name="name" type="text" class="form-control" aria-label="Sizing example
input" aria-describedby="inputGroup-sizing-lg">
                </div> <br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Email :</span>
                    <input name="email" type="text" class="form-control" aria-label="Sizing example
input" aria-describedby="inputGroup-sizing-lg">
                </div> <br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Password :</span>
                    <input name="password" type="password" class="form-control" aria-label="Sizing
example input" aria-describedby="inputGroup-sizing-lg">
                </div><br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Re-Password :</span>
                    <input name="repassword" type="password" class="form-control" aria-label="Sizing
example input" aria-describedby="inputGroup-sizing-lg">
                </div>

```

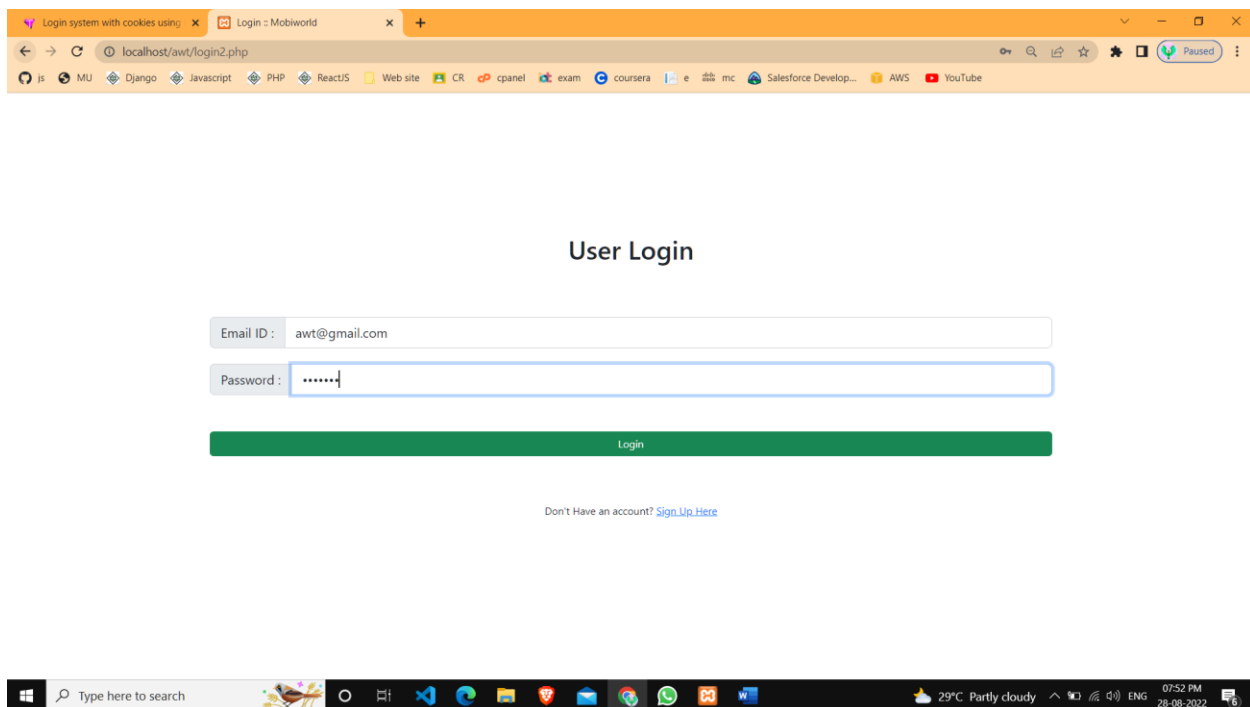
```

<div class="d-grid gap-2">
    <br> <br>
    <input type="submit" class="btn btn-success" value="Register">
</div><br><br><br>
<p> Alredy Have an account? <a href="login2.php">Log In Here</a></p>
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
if (isset($_POST['name'])) {
    $name = $_POST['name'];
}
if (isset($_POST['email'])) {
    $email = $_POST['email'];
}
if (isset($_POST['password'])) {
    $password = $_POST['password'];
}
if (isset($_POST['repassword'])) {
    $repassword = $_POST['repassword'];
}
    $name = $_POST['name'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $encrypted_pwd = md5($password);
    $repassword = $_POST['repassword'];
    $encrypted_repwd = md5($repassword);
    $insertquery = "INSERT INTO `registeruser`(`srno`, `name`, `email`, `password`,
`repassword`)
        VALUES (Null
, '{$name}', '{$email}', '{$encrypted_pwd}', '{$encrypted_repwd}');"
    $result = mysqli_query($conn, $insertquery);
    if(isset($result)){
        echo '
        <h1 class="notices" style=" border: 2px solid black;
        background-color: lightgreen;
        color: darkgreen;
        font-size: 40px; width: 100%; margin: 30px; text-align: center;

```

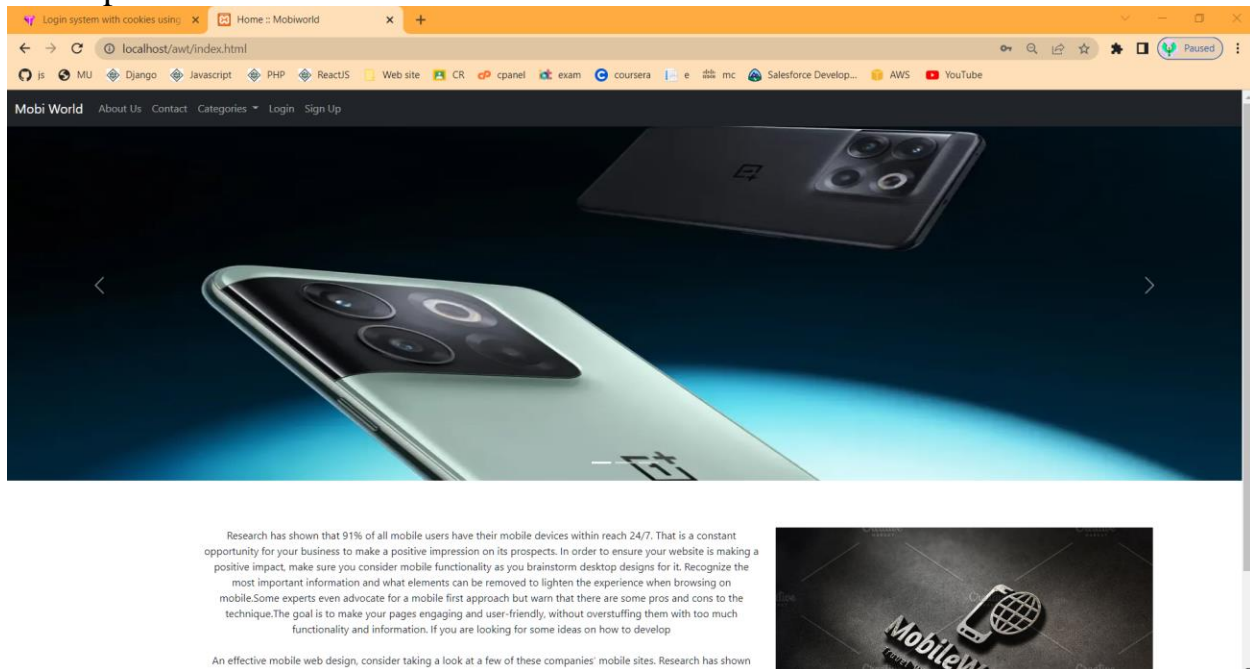
```
"> Record Added Successfully </h1> ';\n} else {\n    echo '<h1 class="notices" style=" border: 2px solid black;\n    background-color: lightred;\n    color: darkred; font-size: 40px; width: 100%; margin: 30px; text-align: center;\n    "> Unable to register </h1>';\n} }?>\n</form> </div> </div> </div>\n<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js"\nintegrity="sha384-\nA3rJD856KowSb7dwlZdYEkO39Gagi7vlsF0jrRAoQmDKKtQBHUuLZ9AsSv4jD4Xa"\ncrossorigin="anonymous"></script>\n</body>\n</html>
```

B. Login System with session management

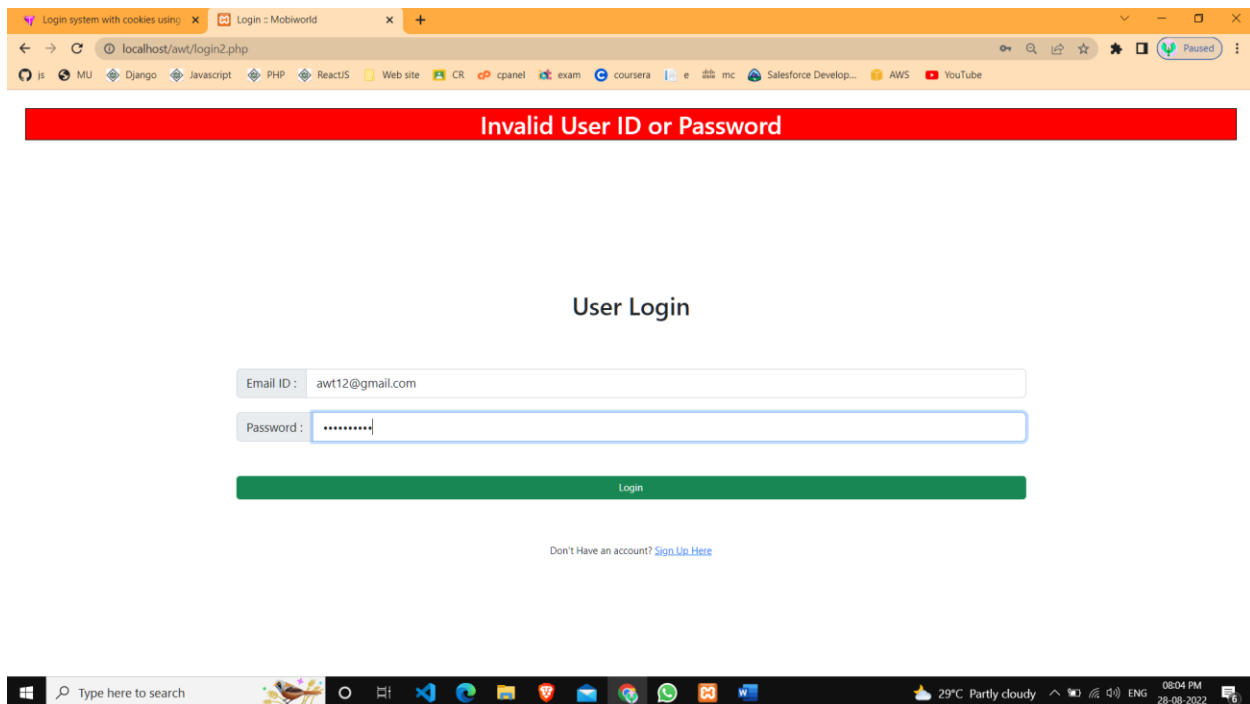


When user clicks on Login button, there will be two possibilities

1. web server will redirect them to home page otherwise, if User ID and password are correct.



2. Otherwise there will be error message “Invalid User ID and Password”, If user Id and password are not found in database.



Code Snippet:

```
<?php session_start(); ?>
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Login :: Mobiworlde</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
gH2yIjQKdNHPEqOn4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNI/vl1Bx"
crossorigin="anonymous">
  </head>
  <body>
    <?php
      include 'config.php';
      if(isset($_POST['submit'])){
        $email = $_POST['email'];
        $password = $_POST['password'];
        $email_search = "SELECT * FROM registeruser WHERE email = '$email' ";
        $query = mysqli_query($conn, $email_search);
        $email_count = mysqli_num_rows($query);
        if($email_count) {
          $email_pass = mysqli_fetch_assoc($query);
          $db_pass = $email_pass['password'];
          $_SESSION['username'] = $email_pass['name'];
          $pass_decode = password_verify($password, $db_pass);
          echo $pass_decode;
          if(!$pass_decode) {
            echo "login successful";
            header("Location: http://localhost/awt/index.html ");
          }
          else {
            echo "password incorrect";
          }
        }
        else {
          echo '<h1 class="notices" style=" border: 2px solid black;
background-color: red;
color: white;
font-size: 40px;
```



```

        width: auto;
        margin: 30px;
        text-align: center;
"> Invalid User ID or Password </h1>';
    }
}
?>
<!--Login -->
<br><br> <br> <br> <br> <br>
<div class="container text-center">
    <div class="row">
        <div class="col align-self-center ">
            <form action="<?php echo htmlentities($_SERVER['PHP_SELF']); ?>" method="post">
                <br> <br> <br>
                <h1 class="center">User Login </h1>
                <br> <br> <br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Email ID : </span>
                    <input name="email" type="email" class="form-control" aria-label="Sizing example
input" aria-describedby="inputGroup-sizing-lg">
                </div>
                <br>
                <div class="input-group input-group-lg">
                    <span class="input-group-text" id="inputGroup-sizing-lg">Password :</span>
                    <input name="password" type="password" class="form-control" aria-label="Sizing
example input" aria-describedby="inputGroup-sizing-lg">
                </div>
                <div class="d-grid gap-2">
                    <br> <br>
                    <input type="submit" name="submit" class="btn btn-success" value="Login">
                </div>
                <br><br><br>
                <p> Don't Have an account? <a href="signup.php">Sign Up Here</a></p>
            </form>
        </div> </div></div>
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
A3rJD856KowSb7dwlZdYEkO39Gagi7vlsF0jrRAoQmDKKtQBHUuLZ9AsSv4jD4Xa"
crossorigin="anonymous"></script>
    </body>
</html>
<?php session_write_close(); ?>

```

c. Store details like password, time of login and url in the cookies.**Syntax:**

```
setcookie ('user', $row['email'], time () +time(), '/');
```

Code Snippet:

```
if ( isset ($_POST['remember'] ) )  
{  
    setcookie ('user', $row['email'], time () +time(), '/');  
    header("Location:index.html");  
}
```

Adding this code in login page to set the cookies in php

Final Outcome:

User Login

Email ID :

awt@gmail.com

Password :

.....

☒ Remember me

Login

Don't Have an account? [Sign Up Here](#)