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
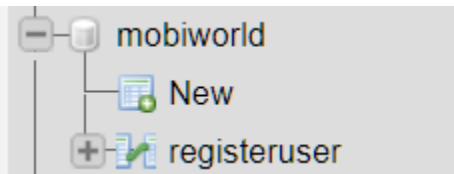## c. Store details like password, time of login and url in the cookies.

1. Create a database for mobile shopping.

Final outcome:

1. **Database = Mobiworld**

2. **Table in Database**

2. Implement registration page and login system with session management

Final outcome:

A.1 Registration page – before filling detail

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

Code Snippet:

```php
<?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-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/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>
```

```php
        <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;
```
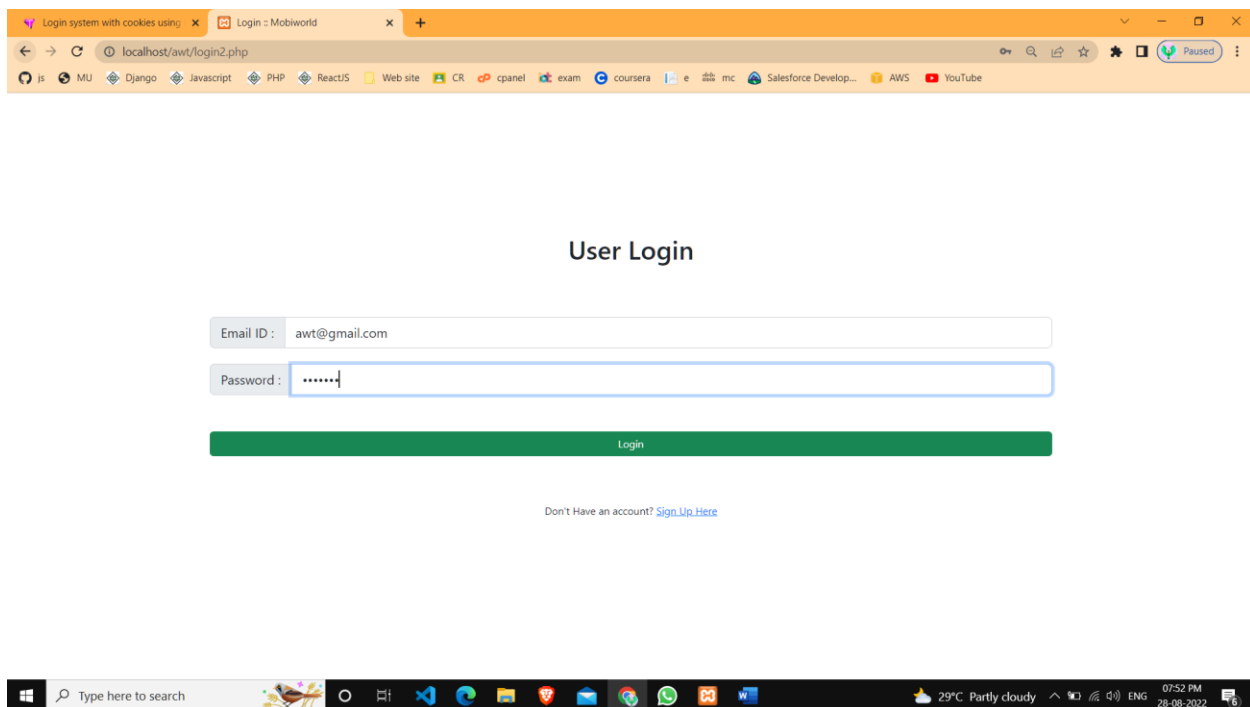
```
        "> Record Added Successfully </h1> ';
    } else {
        echo '<h1 class="notices" style=" border: 2px solid black;
        background-color: lightred;
        color: darkred; font-size: 40px;  width: 100%; margin: 30px; text-align: center;
    "> Unable to register </h1>';
    } }?>
    </form> </div>   </div> </div>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
A3rJD856KowSb7dwlZdYEkO39Gagi7vIsF0jrRAoQmDKKtQBHUuLZ9AsSv4jD4Xa"
crossorigin="anonymous"></script>
  </body>
</html>
```

B. Login System with session management

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

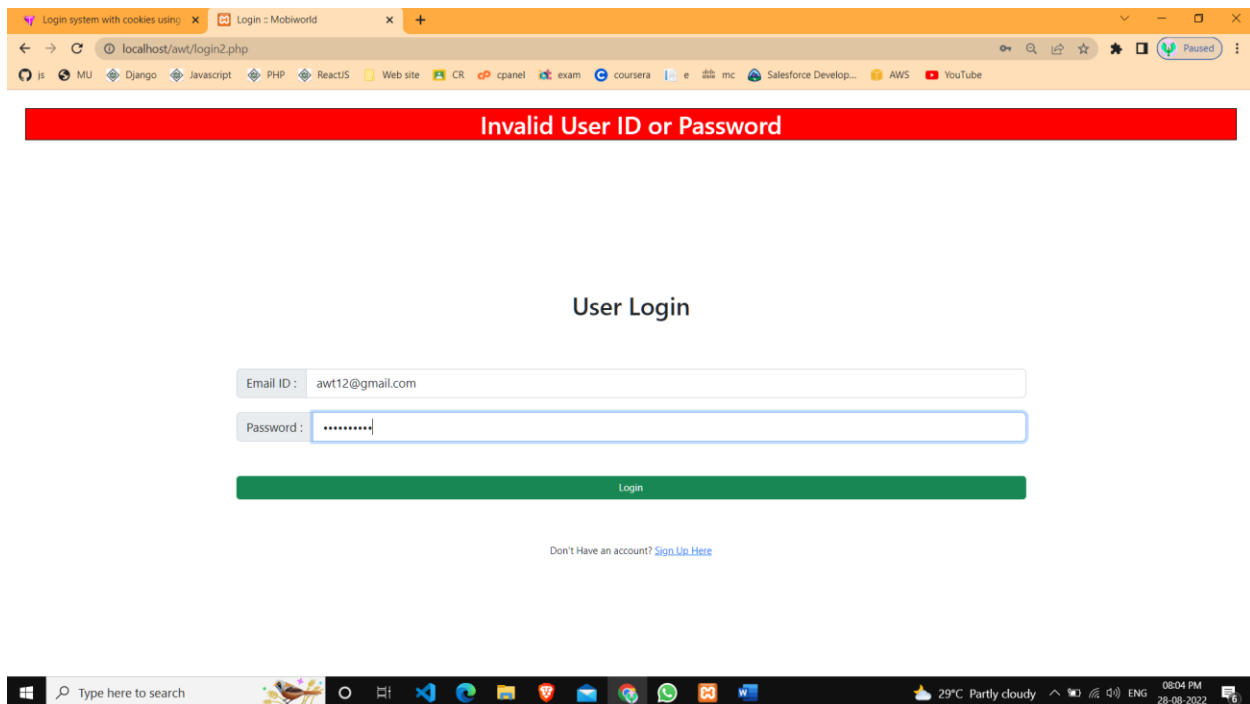1. web server will redirect them to home page otherwise, if User ID and password are correct.
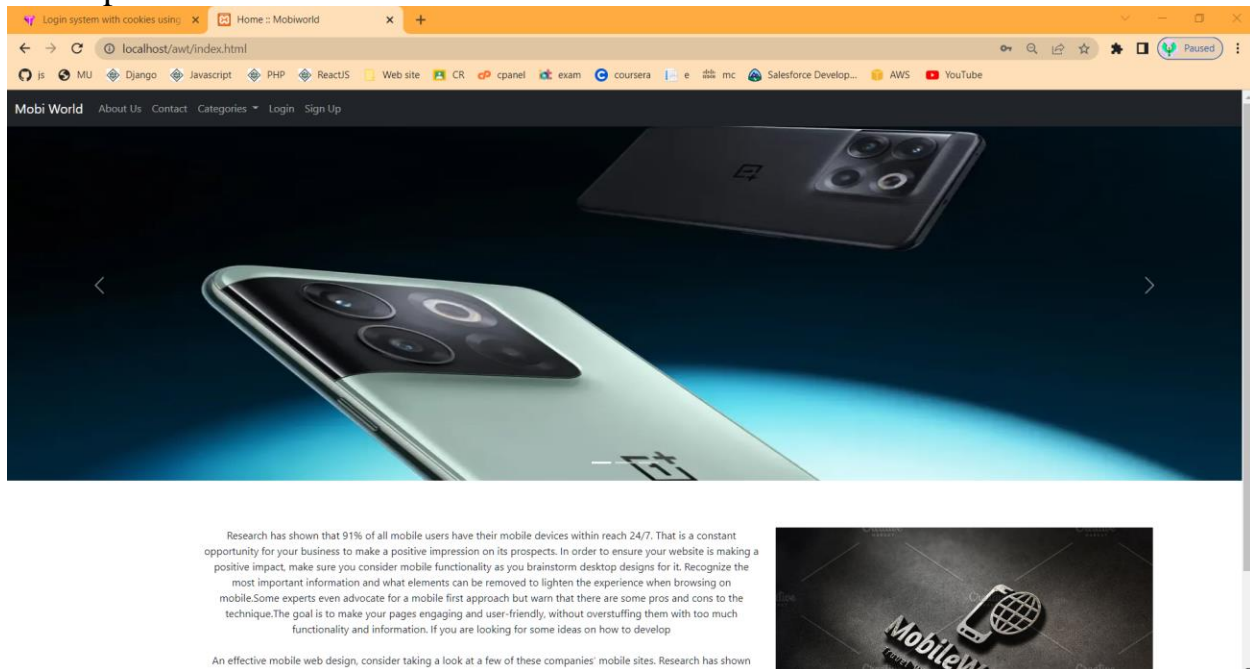
2. Otherwise there will be error message "Invalid User ID and Password", If user Id and password are not found in database.

Code Snippet:

```php
<?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 :: Mobiworld</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx"
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 sucessful";
            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-
A3rJD856KowSb7dwlZdYEkO39Gagi7vIsF0jrRAoQmDKKtQBHUuLZ9AsSv4jD4Xa"
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