**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.**

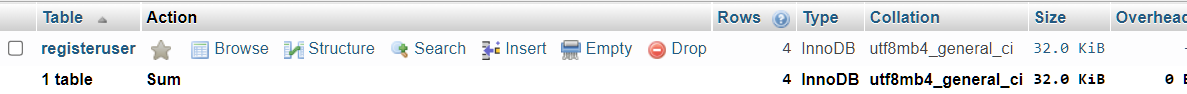
**Final outcome:**

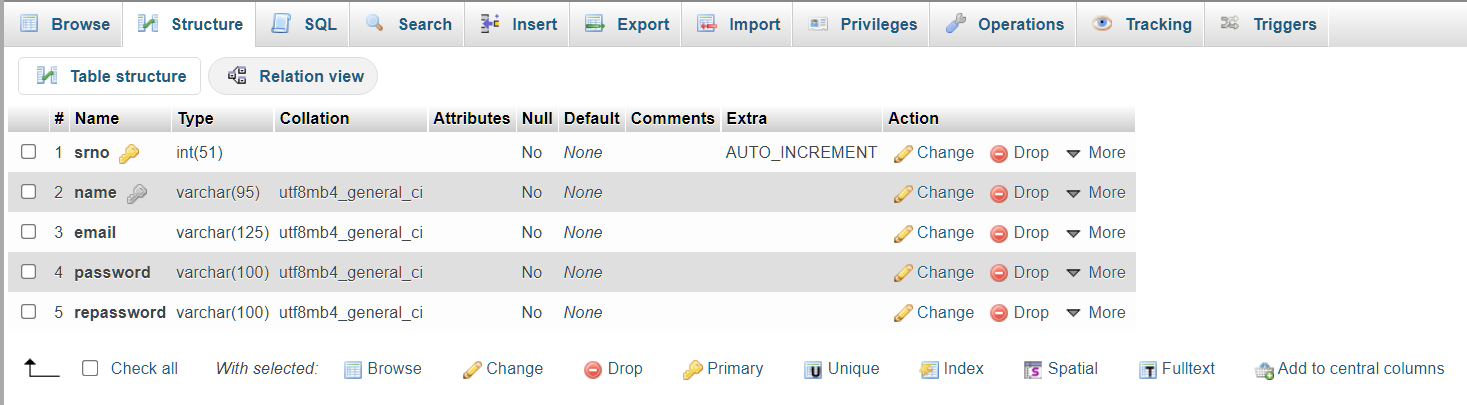
1. **Database = Mobiworld**

Graphical user interface, text

Description automatically generated

1. **Table in Database**





**2. Implement registration page and login system with session management**

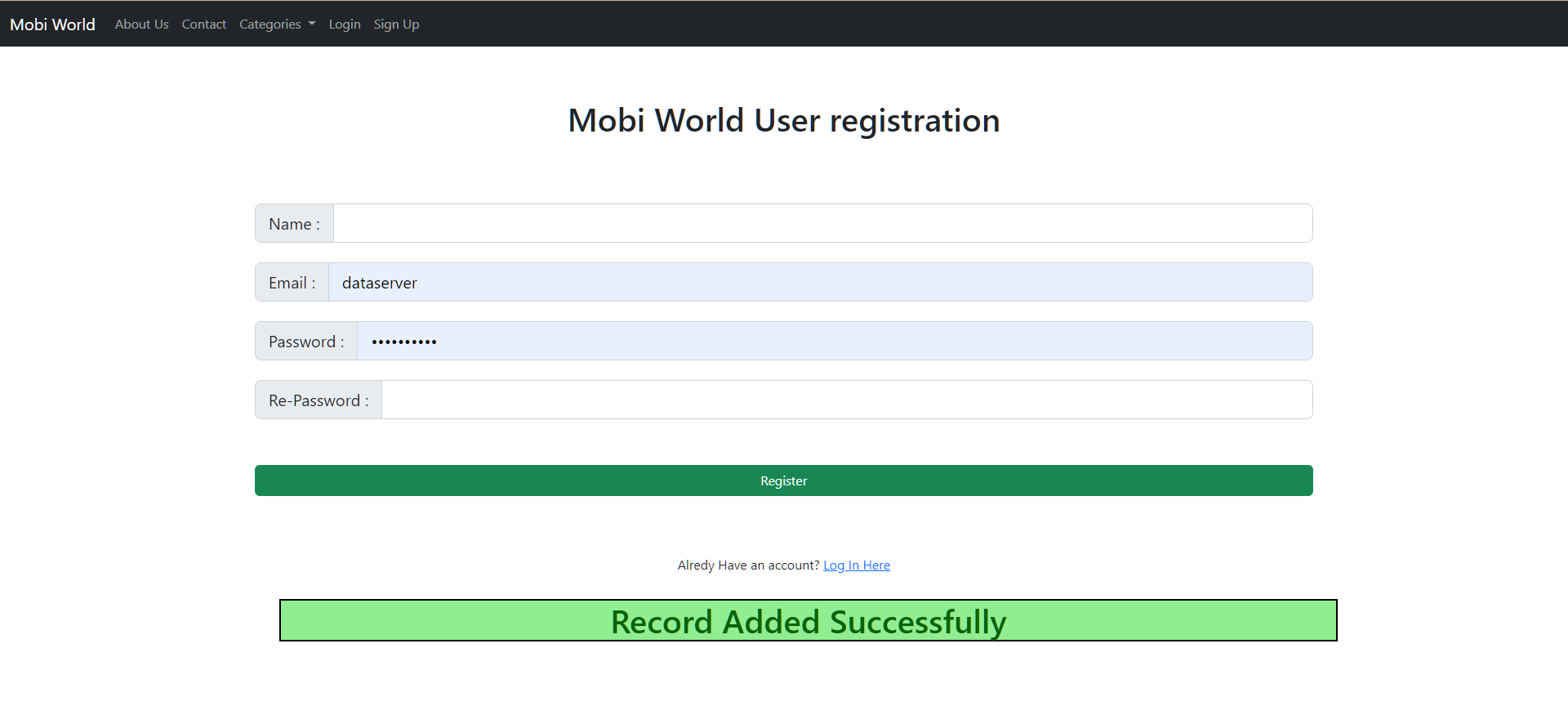
**Final outcome:**

**A.1 Registration page – before filling detail**

Text, email

Description automatically generated

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



**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-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>

<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>

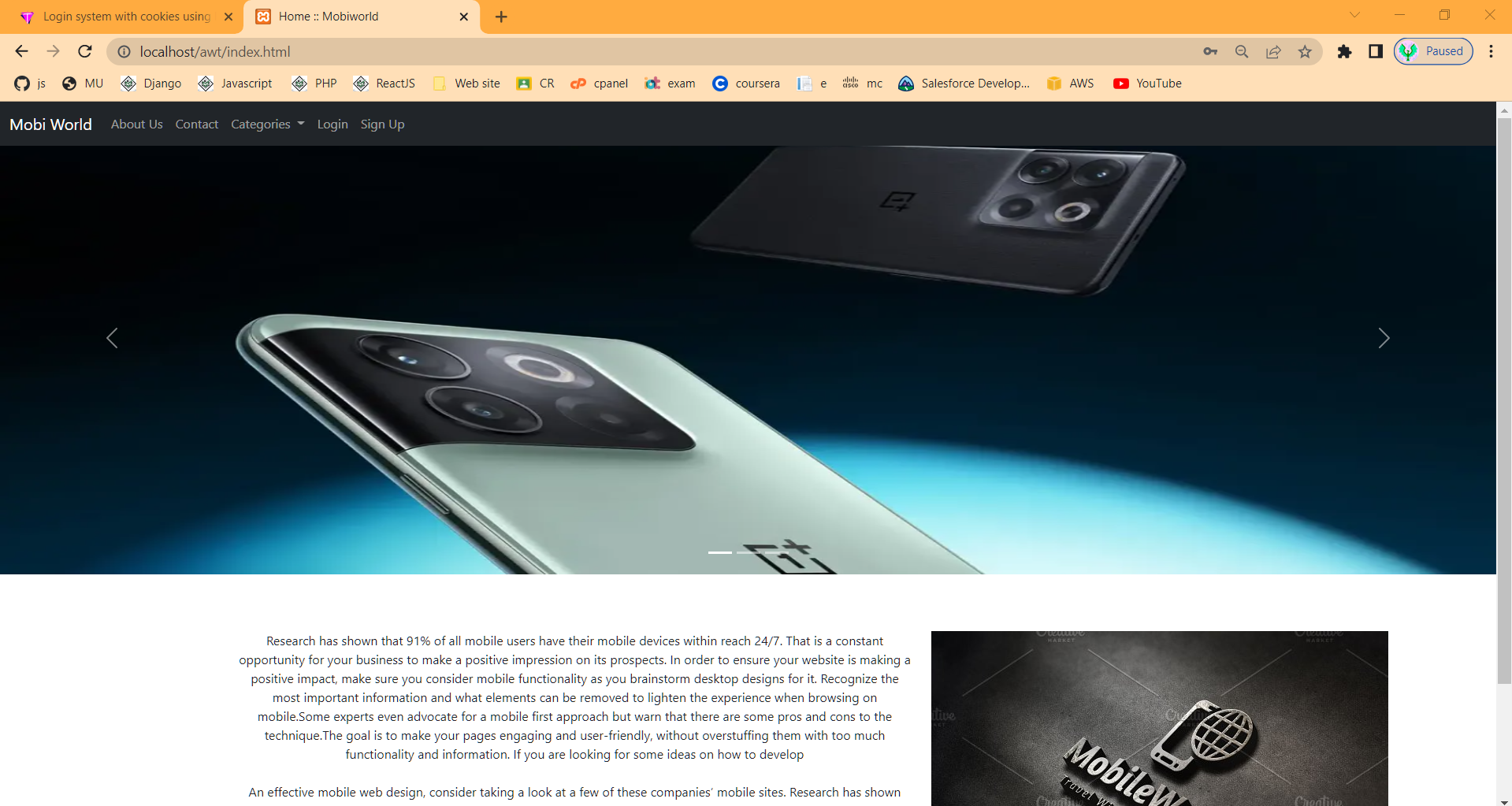
**B. Login System with session management**

Graphical user interface, text

Description automatically generated

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.



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

Graphical user interface, text, application

Description automatically generated

**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 :: 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:**

Graphical user interface, application

Description automatically generated