Ex.No: 9 **MINI PROJECT**

Date: **TRAINING INSTITUTE MANAGEMENT SYSTEM**

AIM:

To develop a website for Training Institute Management System.

DESCRIPTION:

This project describes the implementation of web-based training institute system which enables users to enroll courses online. In this project, HTML and CSS are used for UI designing and PHP is used as a scripting language to store the details about the users and the course details. The details are viewed using the AJAX. Here, Cookies are used to display the information when the user is logged in. The objective of "Training Institute Management System" provides user the facility to enroll from their courses. It will simplify the task and reduce the paper work.

MODULES:

Registration Module:

The user registers himself/herself in the system. The details of the user will be stored in the database once the user is registered after verifying the required details. Hereafter the user will be able to log into the system easily.

Login Module:

The user can log into the system by entering his/her username(emailid) and password. Once the details are checked for a verified user, the user will be allowed to enter into the system.

Enroll Module:

The users tries to enroll courses in the training institute by selecting his/her enroll dates and number of users required. If the required courses are available, the course will be enrolled and the details will be stored into the database and will be displayed to the logged user.

Viewing Module:

The user can view the enrolled history in this module. All the enrolled courses will be displayed to the user. This will be helpful to the user for future reference.

Server.php:

```
<?php

session_start();


// initializing variables

$username = "";

$email    = "";

$errors = array();
```

```
// connect to the database
$db = mysqli_connect('localhost', 'root', '', 'Student');

// REGISTER USER
if (isset($_POST['reg_user'])) {
  // receive all input values from the form
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $email = mysqli_real_escape_string($db, $_POST['email']);
  $password_1 = mysqli_real_escape_string($db, $_POST['password_1']);
  $password_2 = mysqli_real_escape_string($db, $_POST['password_2']);
  $contact = mysqli_real_escape_string($db, $_POST['MOBILE']);
  $district = mysqli_real_escape_string($db, $_POST['DISTRICT']);
  $zipcode = mysqli_real_escape_string($db, $_POST['ZIPCODE']);

  // form validation: ensure that the form is correctly filled ...
  // by adding (array_push()) corresponding error unto $errors array
  echo '<div align="center">';
  if (empty($username)) { array_push($errors,'<div align="center"> Username is required'); }
  if (empty($email)) { array_push($errors, '<div align="center"> Email is required'); }
  if (empty($password_1)) { array_push($errors, '<div align="center"> Password is required'); }
  echo '</div>';
  if ($password_1 != $password_2) {
        array_push($errors, '<div align="center"> The two passwords do not match');
 echo '</div>';
  }


  // first check the database to make sure
  // a user does not already exist with the same username and/or email
```

```
  $user_check_query = "SELECT * FROM Register WHERE Name='$username' OR email='$email' LIMIT 1";
  $result = mysqli_query($db, $user_check_query);
  $user = mysqli_fetch_assoc($result);

  if ($user) { // if user exists
    if ($user['username'] === $username) {
      array_push($errors, '<div align="center"> Username already exists');
    }

    if ($user['email'] === $email) {
      array_push($errors, '<div align="center"> email already exists');
    }
  }

  // Finally, register user if there are no errors in the form
  if (count($errors) == 0) {
          $password = $password_1;//encrypt the password before saving in the database

          $query = "INSERT INTO Register (Name, Email, Password, Contact, District, Zipcode)
                          VALUES('$username', '$email', '$password', '$contact', '$district', '$zipcode')";
          mysqli_query($db, $query);
          $_SESSION['username'] = $username;
          $_SESSION['success'] = "You are now logged in";
          header('location: index.php');
    }
  }


// ...
```

```
// LOGIN USER
if (isset($_POST['login_user'])) {
  $username = mysqli_real_escape_string($db, $_POST['username']);
  $password = mysqli_real_escape_string($db, $_POST['password']);

  if (empty($username)) {
    array_push($errors, '<div align="center"> Username is required');
  }
  if (empty($password)) {
    array_push($errors, '<div align="center"> Password is required');
  }

  if (count($errors) == 0) {
    $password = $password;
    $query = "SELECT * FROM Register WHERE Name='$username' AND Password='$password'";
    $results = mysqli_query($db, $query);
    if (mysqli_num_rows($results) == 1) {
      $_SESSION['username'] = $username;
      $_SESSION['success'] = "You are now logged in";
      header('location: index.php');
    }else {
      array_push($errors, "Wrong username/password combination");
    }
  }
}
echo '</div>';
?>
```

Error.php:

```
<?php  if (count($errors) > 0) : ?>
  <div class="error">
          <?php foreach ($errors as $error) : ?>
            <p><?php echo $error ?></p>
          <?php endforeach ?>
  </div>
<?php  endif ?>
```

Register.php:

```
<?php include('DataStore.php') ?>
<!DOCTYPE html>
<html>
<style>
 .back
 {
   background-color:white;
   background-image:url('student1.jpg');
   background-size: cover;
   padding:30px;
   font-weight: bold;
  }
  .address_box{
   border-style:dotted;
   border-width:2px;
   border-color:red;
   }
  .input_box{
   border-radius: 7px;
   border-color:grey;
```

```
  padding: 5px 20px;
  line-height: 28px;
 }
 .input_box{
  border-radius: 7px;
  border-color:grey;
  padding: 8px 25px;
  line-height: 28px;
 }
 select{
  border-radius: 7px;
  border-color: grey;
  padding: 7px 15px;
  line-height: 28px;
 }
 label{
 display:inline-block;
 width:300px;
 margin-bottom:10px;
 text-align:left;
 font-size:20px;
 width: 150px;
}
button{
 margin:auto;display:block;background-color:green;height:50px;width:100px;border-radius:15px;color:white;
}
</style>
<head>
 <h2 style="text-align:center;color:green">STUDENT DETAILS-SIGN UP</h2>
```

```
</head>
<body>
 <form class="back" method="post" action="First_Register.php">
   <?php include('Error_log.php'); ?>
   <div align="center">
     <label>Name</label>
     <input type="text" name="username" class="input_box" value="<?php echo $username; ?>"><br><br>
     <label>Email</label>
     <input type="email" name="email" class="input_box" value="<?php echo $email; ?>"><br><br>
     <label>Password</label>
     <input type="password" class="input_box" name="password_1"><br><br>
     <label>Confirm password</label>
     <input type="password" class="input_box" name="password_2"><br><br>
      <label>MOBILE :</label>
  <input type="text" name="MOBILE" class="input_box"><br><br>
  <label>QUALIFIED :</label>
  <select class="input_box" name="ED_QUALIFICATION">
   <option value="PG">PG</option>
   <option value="UG">UG</option>
   <option value="HSC">HSC</option>
   <option value="SSLC">SSLC</option>
  </select><br><br>
  <label>ADDRESS :</label>
  <input type="text" placeholder="FLAT NO:" name="FLAT_NO" class="input_box"><br>
  <label></label> <input type="text" placeholder="STREET:" name="STREET" class="input_box"><br>
  <label></label> <input type="text" placeholder="COLONY/LOCAL-AREA:" name="LOCAL_AREA"
class="input_box"><br>
  <label></label> <input type="text" placeholder="CITY:" name="CITY" class="input_box"><br>
  <label></label> <input type="text" placeholder="DISTRICT:" name="DISTRICT" class="input_box"><br>
```

```
  <label></label> <input type="text" placeholder="ZIP-CODE:" name="ZIPCODE" class="input_box"><br>
    <button type="submit" class="btn" name="reg_user">SUBMIT</button>

  <p>Already a member? <a href="login.php">Sign in</a>
   </p>
</div>
  </form>
</body>
</html>
```

Index.php:

```
<?php
 session_start();

 if (!isset($_SESSION['username'])) {
        $_SESSION['msg'] = "You must log in first";
        header('location: login.php');
 }
 if (isset($_GET['logout'])) {
        session_destroy();
        unset($_SESSION['username']);
        header("location: login.php");
 }
?>
<!DOCTYPE html>
<html>
<head>
        <title>Home</title>
        <style>
 body
```

```
{
background-image:url("b.jpg");
background-size:cover;
background-repeat: no-repeat;
background-attachment: fixed;
font-color:white;
}

 button
 {
   display:inline-block;
   color:white;
   border-radius: 15px;
   background-color:green;
   padding:12px 28px;
   font-size:18px;
   margin-left:110px;
   margin-right: 100px;
 }
</style>
</head>
<body>

<div align="center">
<form>
<div class="content">
        <!-- notification message -->
        <?php if (isset($_SESSION['success'])) : ?>
    <div class="error success" >
```

```
            <h3>
          <?php
            echo $_SESSION['success'];
            unset($_SESSION['success']);
          ?>
            </h3>
      </div>
            <?php endif ?>
</div>
    <!-- logged in user information -->
    <?php  if (isset($_SESSION['username'])) : ?>
      <div align="right" style="margin-right: 200px;">
            <p>Welcome <strong><?php echo $_SESSION['username']; ?></strong></p><p> <a
href="index.php?logout='1'" style="color:blue;">logout</a> </p>
    </div>
    <img src="p8.jpg" height=250px width=350px hspace=50px> <button type="Submit" name="Enroll"
formaction="Enroll.php">New Courses</button>
    <br><br><br><br><br><br>
    <img src="i7.png" height=250px width=350px hspace=50px><button type="Submit" name="Retrieve"
formaction="View.php">My Courses</button>
    <?php endif ?>
</div>
</form>
</body>
</html>
```

Enroll.php:

```
<html>
<head>
<style>
```

```
.back
 {
  background-color:white;
  background-image:url('student1.jpg');
  background-size: cover;
  padding:30px;
  font-weight: bold;
 }
 .input_box{
  border-radius: 7px;
  border-color:grey;
  padding: 5px 20px;
  line-height: 28px;
 }
 select{
  border-radius: 7px;
  border-color: grey;
  padding: 7px 20px;
  line-height: 28px;
 }
 label{
 display:inline-block;
 width:300px;
 margin-bottom:10px;
 text-align:left;
 font-size:20px;
 width: 150px;
}
button{
```

```
  margin:auto;display:block;background-color:green;height:50px;width:100px;border-radius:15px;color:white;
}</style>
</head>
<body>
<form action="Enrolled.php" class="back" method="POST">
        <?php
session_start();
$username= $_SESSION['username'];
echo '<p align="right" style="color:white;margin-right:200px;">';
echo 'Welcome '.$username;
echo '</p>';
?>
<div align="center">
        <h2 style="color:darkolivegreen; font-family:'Lucida Calligraphy';">COURSES FOR YOU<img src="download.jpg" height=25px width=25px padding=10px></h2><br><br><br>
        <label>Course Name: </label><input type="text" name="coursename" class="input_box" required><br><br>
        <label>Part Time/Full Time:</label><select class="input_box" name="CourseTime">
                <option value="PT">Part Time</option>
                <option value="FT">Full Time</option>
        </select><br><br>
        <label>Course Duration: </label><select name="CourseDuration">
                <option value="6">6 Months</option>
                <option value="12">12 Months</option>
        </select><br><br>
        <button type="Submit" name="Enrolled">Enroll My Course</button>
</div></form>
</html>
```

Enrolled.php:

```
<html>
<head>
        <style>
        body
{
background-image:url("Enrolled.jpg"); background-size:cover;
background-repeat: no-repeat; background-position: fixed;
}
</style>
<div align="center">
<h2></h2>
</HEAD>
<?php
session_start();
$username= $_SESSION['username'];
echo '<p align="right" style="margin-right:200px;">';
echo $username;
echo '</p>';
if($_SERVER["REQUEST_METHOD"]=="POST")
{
        $no_of_courses=$_POST["courses"];
        $type_of_course=$_POST["typeofcourse"];
        $date=$_POST["dates"];
        $no_of_days=$_POST["noofdays"];
}
$server="localhost";
$db="registration";
$pwd="";
```

```
$user="root";

$conn=new mysqli($server,$user,$pwd,$db);

if(!$conn)

	echo "Connection failure.... Retry";

else

{

 $sql1="Insert into Enrolling(username,Noofcourses,Typeofcourse,Dateregistered,NoofDays)
values('$username','$no_of_courses','$type_of_course','$date','$no_of_days')";

	if($conn->query($sql1)===True)

	{

echo '<body>';

echo '<div align="center"><br><br><br>';

echo '<h1 align="right" style="margin-right:250px;margin-top:50px;color:blue;">You Enrolled Your Course
Successfully!!!</h1><br>';

		echo '<br><br><br><br><br><br><br><br><br><br><br><br>';

		echo '<img align="right" src="images11.jpg">';

		echo '</div>';

		echo '</body>';

	}

	else

	{

		echo"Error in Submitting details. Try Again later...";

	}

}

$conn->close();

?>

<div align="cen <html>

<head>

	<style>
```

```
.back
 {
   background-color:white;
   background-image:url('b.jpg');
   background-size: cover;
   padding:30px;
   font-weight: bold;
  }
</style>
<div align="center">

</div></head></html>
<?php
        session_start();
        $username = $_SESSION['username'];
        echo '<p align="right" style="color:black;margin-right:200px;">';
        echo 'Welcome '.$username;
        echo '</p>';
if($_SERVER["REQUEST_METHOD"]=="POST")
{
        $course_name=$_POST["coursename"];
        $course_time=$_POST["CourseTime"];
        $duration=$_POST["CourseDuration"];
}

$server="localhost";
$db="StudentDB";
$pwd="";
$user="root";
```

```
$conn=new mysqli($server,$user,$pwd,$db);
if(!$conn)
	echo "Connection failure.... Retry";
else
{
	$q1 = "SELECT Count(Name) from COURSES where Name like '$username' ";
	if($conn->query($q1)==True)
	{
		$result=mysqli_query($conn,$q1);
		while($row = mysqli_fetch_array($result))
		{
			if($row['Count(Name)']>=2)
			{
				echo "Already Enrolled 2 courses";
			}
			else
			{
				$sql1="Insert into COURSES(Name,Course_Name,Course_Time,Duration)
values('$username','$course_name','$course_time','$duration weeks')";
				if($conn->query($sql1)===True)
				{
					echo '<body class="back">';
					echo '<div align="center"><br><br><br>';
					echo '<h1 align="right" style="margin-right:250px;margin-
top:50px;color:blue;">'.$course_name.' enrolled for you successfully </h1><br>';
					echo '<br><br><br><br><br><br><br><br><br><br><br><br>';
					echo '<img align="right" src="images11.jpg">';
					echo '</div>';
					echo '</body>';
```

```
                                        }
                                        else
                                        {
                                                echo"Error in Submitting details. Try Again later...";
                                        }
                                }
                        }
                }
                else
                {
                        echo 'Error';
                }
}
$conn->close();
?>
<div align="center">
        <br><br>
<a style="color:blue" href="index.php">Return to Home</a>
</div></html> ter">
        <br><br>
<a style="color:blue" href="index.php">Return to Home</a>
</div></html>
```

Login.php:-

```
<?php include('DataStore.php') ?>
<!DOCTYPE html>
<html>
<head>
  <title>Login</title>
```

```
 <style>
.back
{
 background-color:white;
 background-image:url('Student2.jpg');
 background-size: cover;
 padding:30px;
 font-weight: bold;
}
.address_box{
 border-style:dotted;
 border-width:2px;
 border-color:red;
 }
.input_box{
 border-radius: 7px;
 border-color:grey;
 padding: 5px 20px;
 line-height: 28px;
}
.input_box{
 border-radius: 7px;
 border-color:grey;
 padding: 8px 25px;
 line-height: 28px;
}
select{
```

```
 border-radius: 7px;
 border-color: grey;
 padding: 7px 15px;
 line-height: 28px;
 }
 label{
 display:inline-block;
 width:300px;
 margin-bottom:10px;
 text-align:left;
 font-size:20px;
 width: 150px;
 }
 button{
  margin:auto;display:block;background-color:green;height:50px;width:100px;border-radius:15px;color:white;
 }
</style>
<head>
</head>
<body><br>
 <div align="center">
        <h2 style="color:black;">Login</h2>
 </div><br><br><br><br>

 <form method="post" action="login.php">
        <?php include('Error_log.php'); ?>
        <div align="center">
```

```
            <label>Username</label>
            <input type="text" name="username" class="input_box" ><br><br>
            <label>Password</label>
            <input type="password" name="password" class="input_box"><br><br>
            <button type="submit" class="btn" name="login_user">Login</button>
        <p style="color:black;">
            Not yet a member? <a href="First_Register.php">Sign up</a>
        </p>
    </div>
  </form>
</body>
</html>
```

View.php:-

```
<html>
<head>
        <style>
        body
{
background-image:url("p6.jpg");
background-size:cover;
background-repeat: no-repeat;
background-position: fixed;
}
</style>
<div align="center">
<h2></h2>
</HEAD>
```

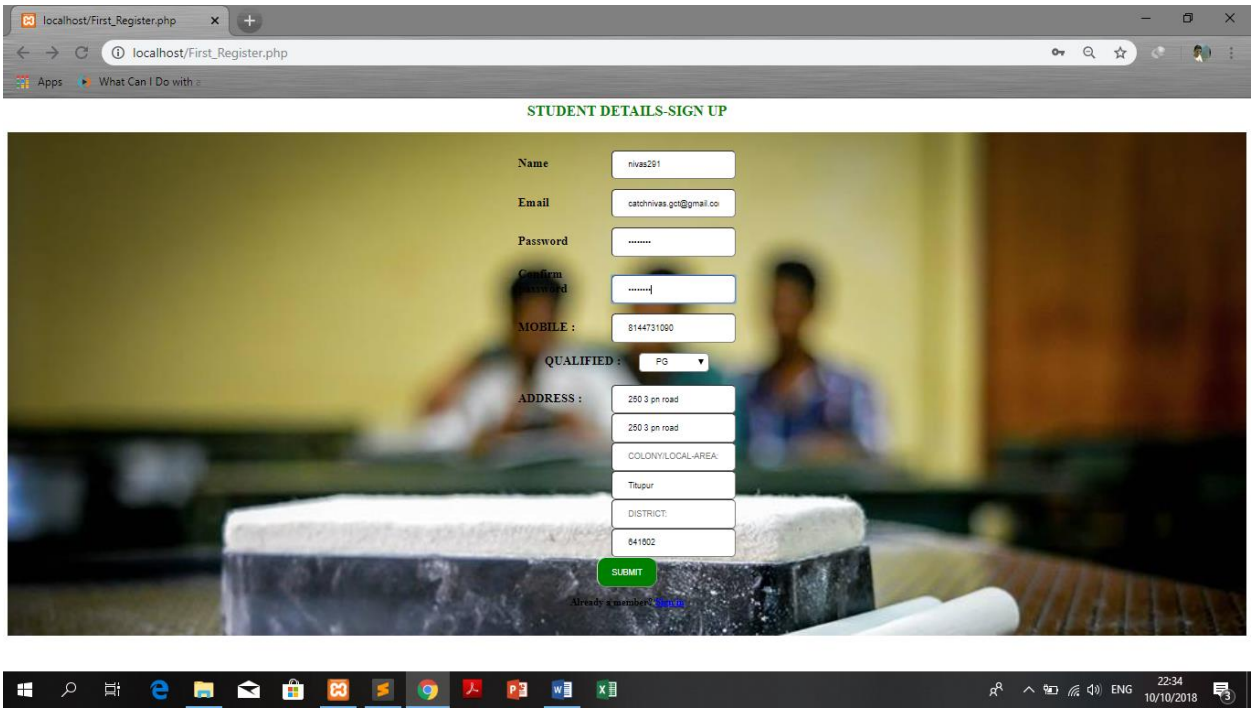
```
<body>
</body>
<?php
session_start();
$username= $_SESSION['username'];
echo '<p align="right" style="margin-right:200px;">';
echo 'Welcome '.$username;
echo '</p>';
$dbhost = "localhost";
$dbuser = "root";
$dbpass = "";
$dbname = "StudentDB";

$conn=new mysqli($dbhost, $dbuser,$dbpass, $dbname);
if(!($conn))
{
        echo" Connection failure";
}
$regno="";

echo "<br><br>";
$query = "SELECT * FROM Courses where Name like'$username' ";
echo "<div align='center'>";
if($conn->query($query)==True)
{
  $res=mysqli_query($conn,$query);
//Build Result String
```

```
$display_string = '<table style="border:1px solid black;">';
$display_string .= '<tr style="border:1px solid black;">';
$display_string .= "<th>Name</th>";
$display_string .= "<th>Course Name</th>";
$display_string .= "<th>Course Time</th>";
$display_string .= "<th>Course Duration</th>";
$display_string .= "</tr>";
echo "<br><br>";

// Insert a new row in the table for each person returned
while($row = mysqli_fetch_array($res)) {
  $display_string .= '<tr style="border:1px solid black;">';
  $display_string .= "<td>$row[Name]</td>";
  $display_string .= "<td>$row[Course_Name]</td>";
  $display_string .= "<td>$row[Course_Time]</td>";
  $display_string .= "<td>$row[Duration]</td>";
  $display_string .= "</tr>";
}

echo "<br><br><br>";
$display_string .= "</table>";

echo $display_string;
echo "</div>";
}
?>
<div align="center">
```

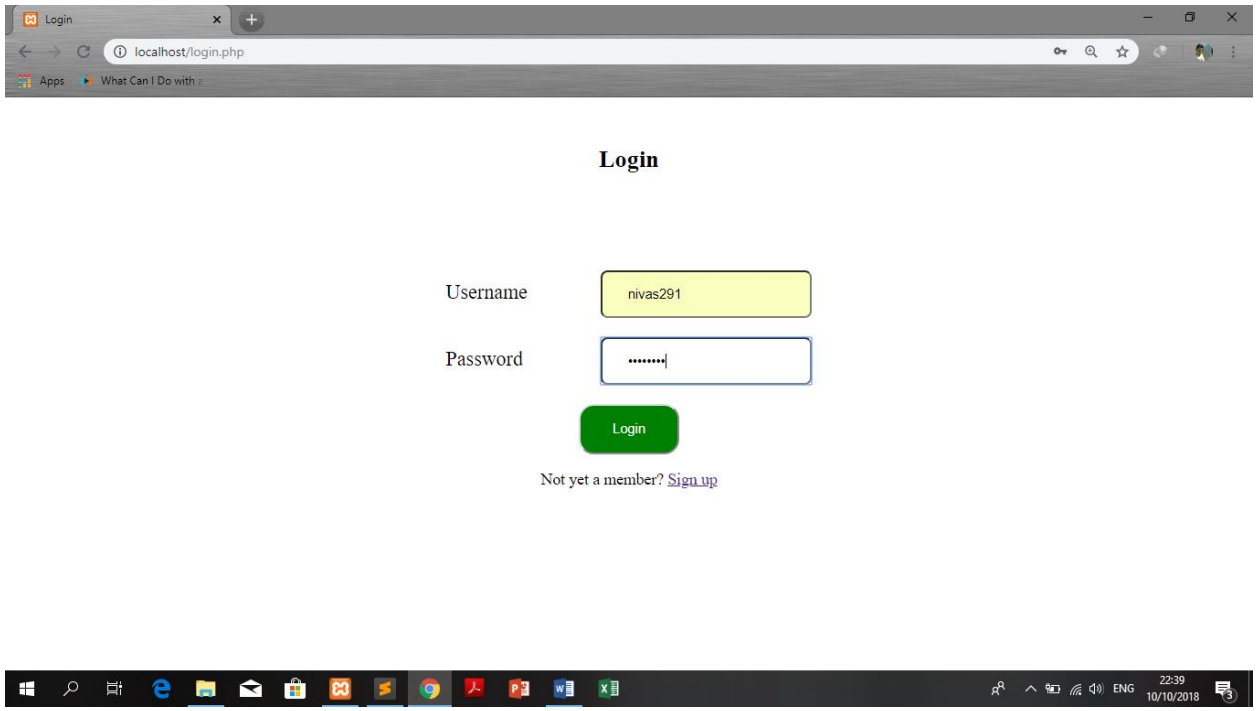
```
<br><br>
<a style="color:blue" href="index.php">Return to Home</a>
</div>
```

OUTPUT :

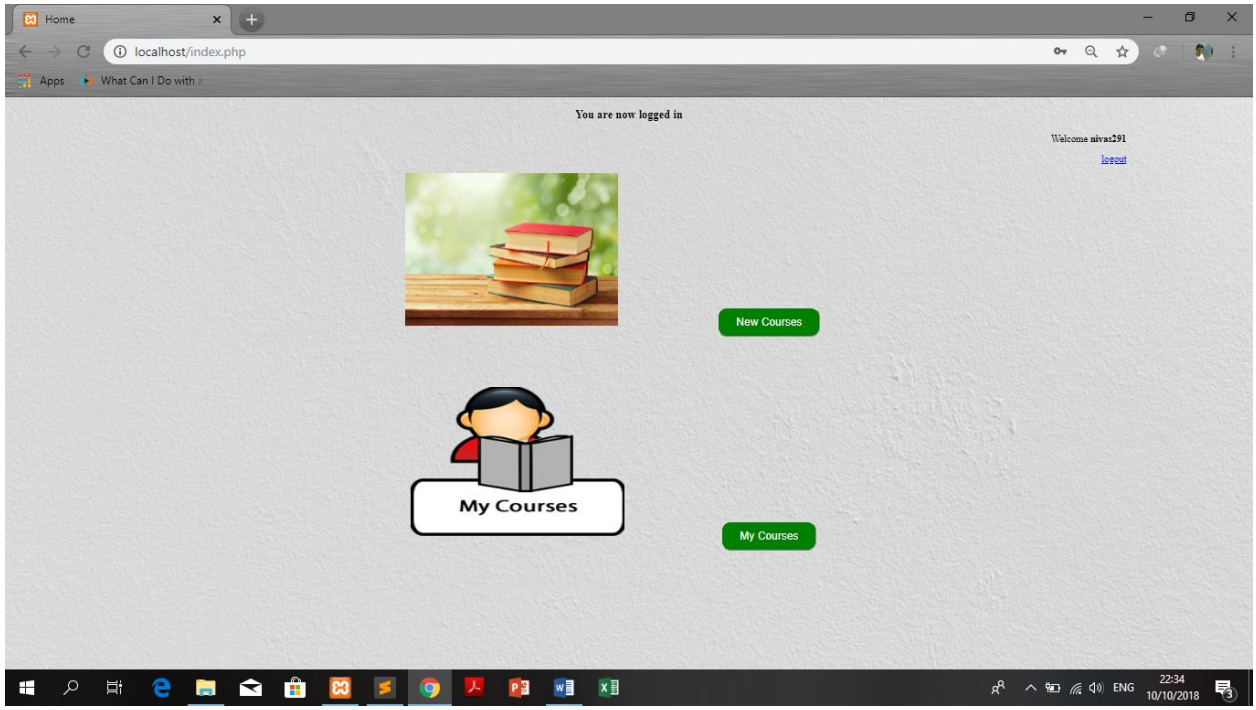
Registering New User



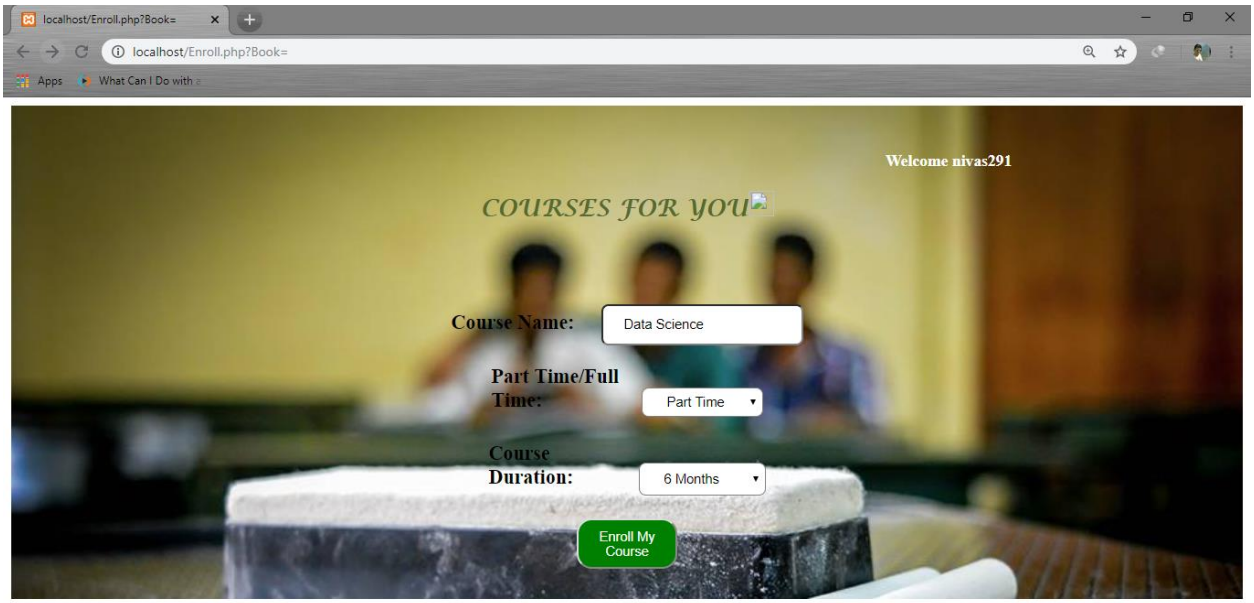
Logging in an Existing User

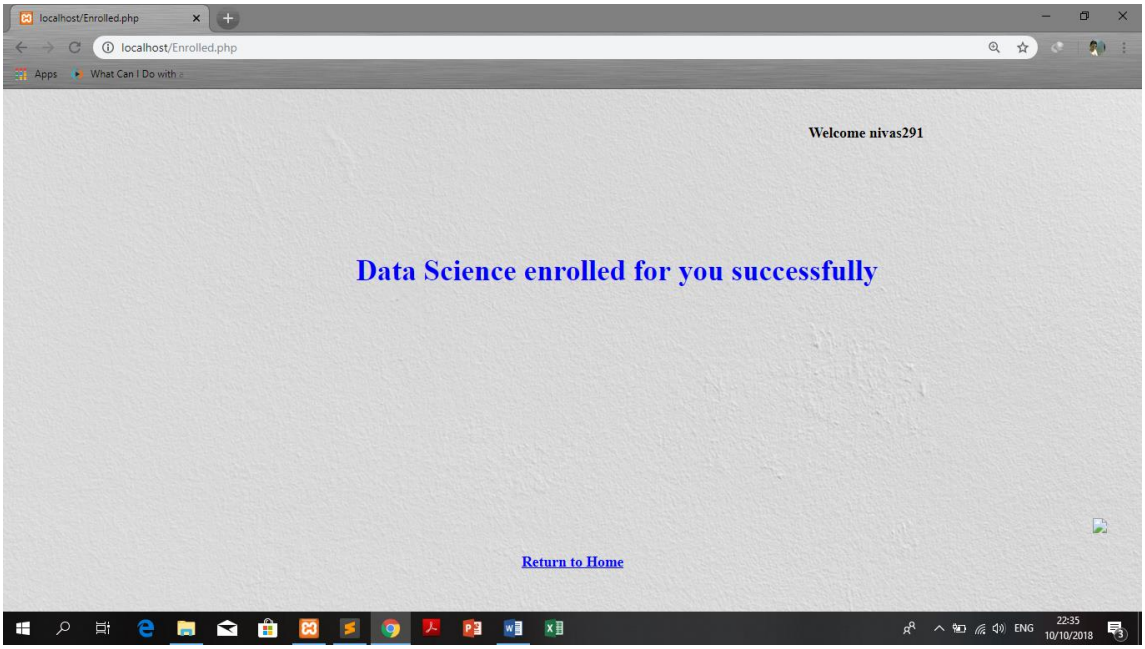


User's Account:

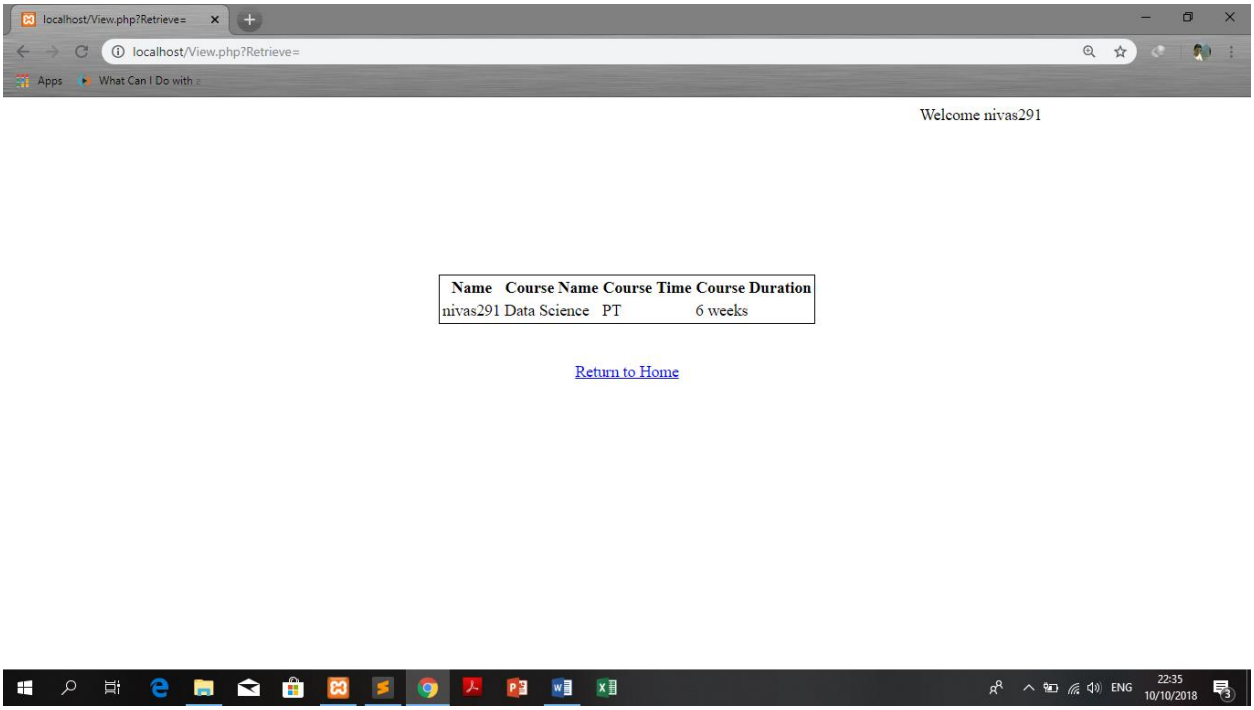


Enrolling Course :





View Course:



Description		
Implementation		
Viva		
Record		

CONCLUSION:

Thus this project serves as an online platform for Training Institute Management System which makes the process of enrolling courses easier for the individual users.