Chapter 1.

INTRODUCTION

Visitor management system is the system that manages the Visitors, Students and other traffic which is maintained more efficiently.

The current solution is Paper logs, in which a visitor writes his or her name, ID and purpose of visit.

If we have the proper log of the people entering the college, whether be it a student or a faculty or non-teaching staff or a visitor, it would increase the security of the campus. And in case of emergency we will have the details of the people who entered the campus and who are still in campus.

Given below are some reasons why schools and colleges need to upgrade to a visitor management system:

1. Ineffectiveness of using manual logs
2. Managing Visitor Traffic: No single entry channel allotted for visitors
3. Pre – registering of people related to the organization, eg. Students, teachers etc.
4. Restricted access options

Chapter 2.

2.1 SYSTEM REQUIREMENTS

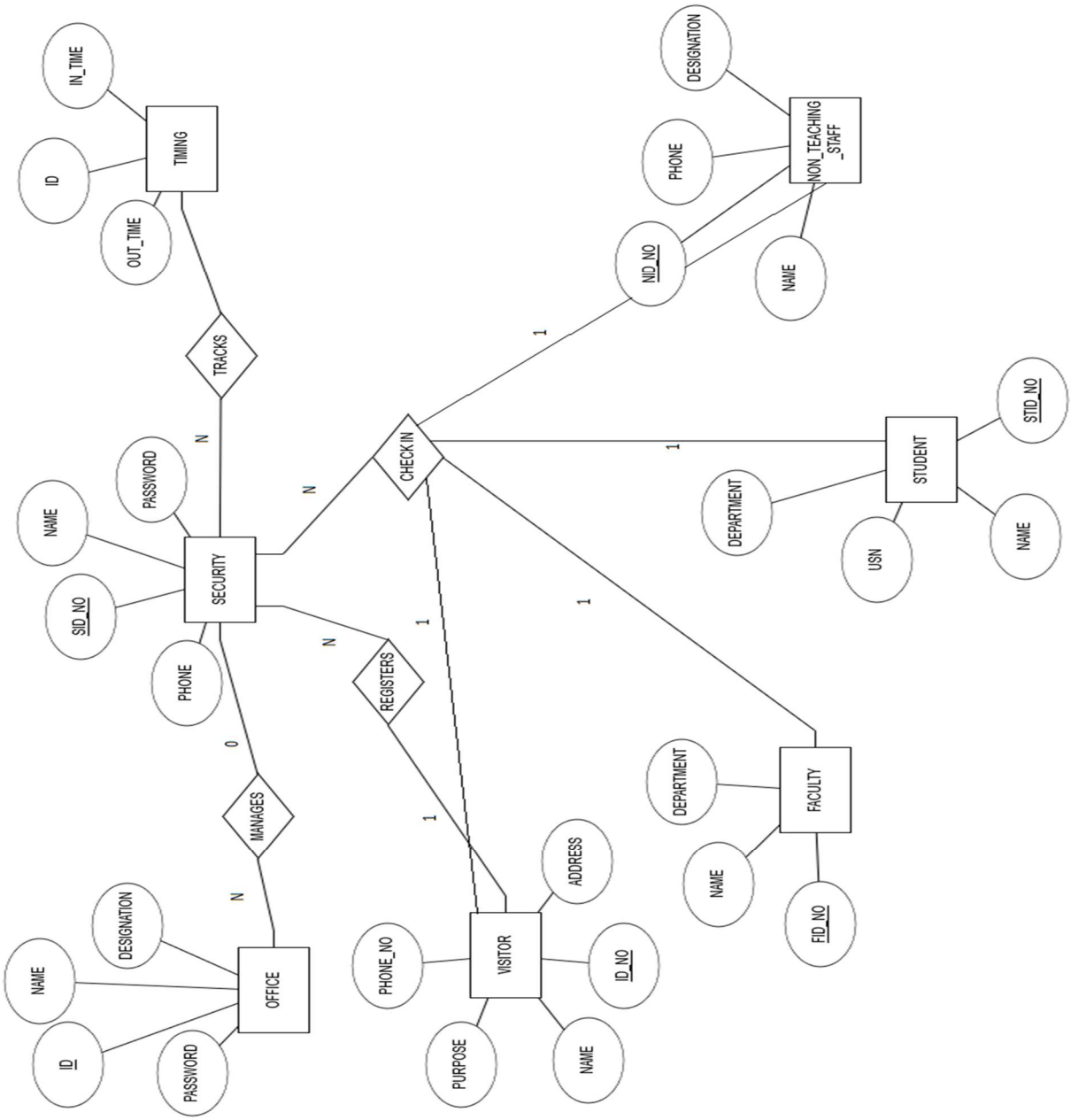
1. Intel i3 processor
2. 1.9Ghz
3. 4GB ram
4. Hard disk 1TB

2.2 SOFTWARE CONFIGURATION

1. Operating system: ubuntu
2. Front end: HTLM and CSS
3. Backend: PHP, MYSQL
4. Text editor: sublime text 3

Chapter 3

3.1 ER DIAGRAM



3.2 SCHEMA DIAGRAM

OFFICE

ID_no	username	Designation	Password

SECURITY

ID_no	Name	Password	Phone_no

VISITOR

ID_no	Name	Purpose	Phone_no	Address	IN_time	OUT_time	S.I.N.

STUDENT

ID_no	Name	USN	Department	IN_time	OUT_time	S.I.N.

FACULTY

ID_no	Name	Department	In_time	Out_time	S.I.N.

NON-TEACHING STAFF

ID_no	Name	Phone_no	Designation	IN_time	Out_time	S.I.N.

TIMING

ID	IN_TIME	OUT_TIME

Chapter 4

4.1 IMPLIMENTATION

TABLES

SECURITY

Field	Type	Key
SID_NO NAME PHONE PASSWORD	INT(5) VARCHAR(50) INT(11) VARCHAR(20)	PRI

OFFICE

Field	Type	Key
ID NAME DESIGNATION PASSWORD	INT(11) VARCHAR(40) VARCHAR(30) VARCHAR(30)	PRI

STUDENT

FIELD	TYPE	KEY
STID_NO NAME USN DEPARTMENT	INT(5) VARCHAR(50) VARCHAR(12) VARCHAR(50)	PRI

FACULTY

FIELD	TYPE	KEY
FID_NO NAME DEPARTMENT	INT(5) VARCHAR(50) VARCHAR(50)	PRI

VISITOR

FIELD	TYPE	KEY
NAME	VARCHAR(40)	
ID_NO	INT(11)	PRI
PHONE_NO	INT(11)	
ADDRESS	TEST	
PURPOSE	VARCHAR(30)	
ID	INT(11)	MUL

NON_TEACHING_STAFF

FIELD	TYPE	KEY
NID_NO	INT(11)	PRI
NAME	VARCHAR(50)	
PHONE	INT(10)	
DESIGNATION	VARCHAR(50)	

TIMING

FIELD	TYPE	KEY
ID	INT(11)	
IN_TIME	DATETIME	
OUT_TIME	DATETIME	

Triggers

Trigger	Event	Table	Statement	Timing	Created	sql_mode	Definer
OUT_TIME	UPDATE	time	BEGIN IF NEW.id=NEW.id THEN ...	BEFORE	2017-11-23 14:30:38.98	ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_...	root@localhost

Trigger created on TIMING table: ON (OUT_TIME) Before Update.

4.2 SECURITY AND OFFICE LOGIN

CODE:

File Edit Selection Find View Goto Tools Project Preferences Help

index.html

```
<!DOCTYPE html>
<html >
<head>
  <meta charset="UTF-8">
  <title>WELCOME TO CMRIT</title>
      <link rel="stylesheet" href="css/style.css">
</head>

<body>
<div class="bodydiv">
<form name="Login" action="http://localhost/project/auth.php" method="post">
  <header>Login</header>
  <label>ID Number </label>
  <input type="Number" name="ID" min="1" max="99999" required=""/>

    <label>Password</label>
  <input type="Password" name="PASSWORD" required="" />

  <div class="drop">   <select name="department">
<option value="OFFICE">OFFICE</option>
<option value="SECURITY">SECURITY</option>
</select>
  <button input type="submit"  name="login">LOGIN</button>
</form>
  </div>

  </div>

<ul>

  <li><a href="#contact">Contact</a></li>
  <li><a href="http://localhost/project/about.php">About</a></li>
</ul>
</body>
```

Line 34, Column 6 Spaces: 2 HTML

Fig. 3.1

OVERVIEW:

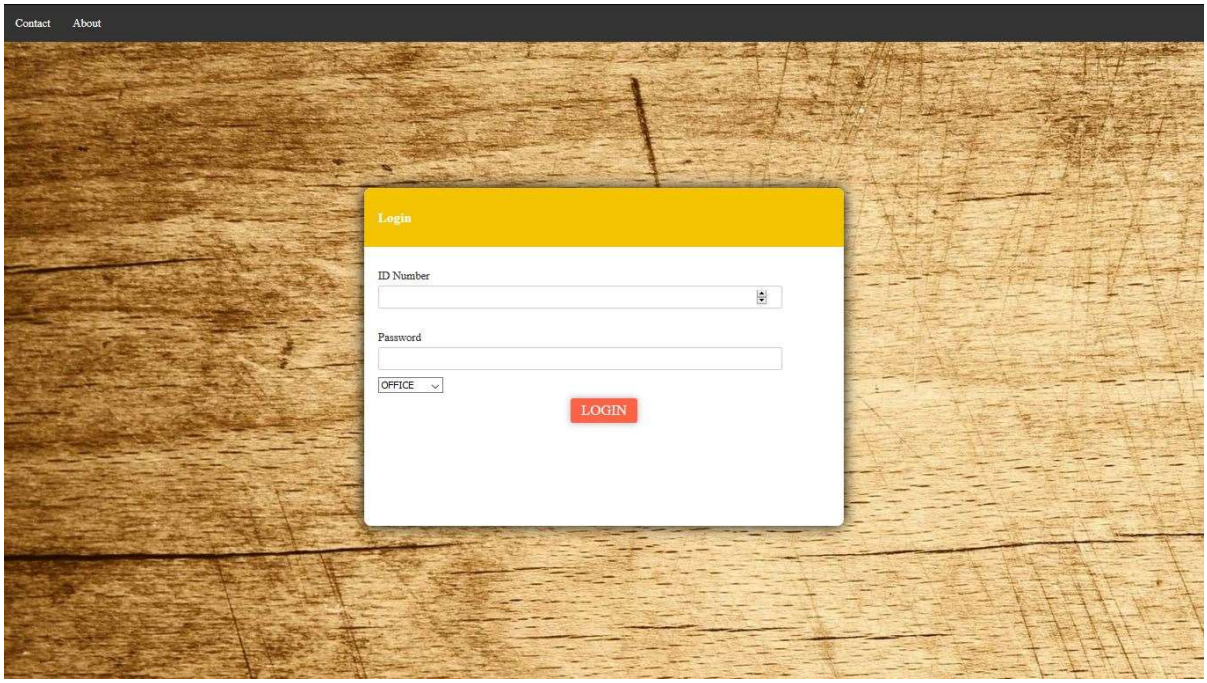
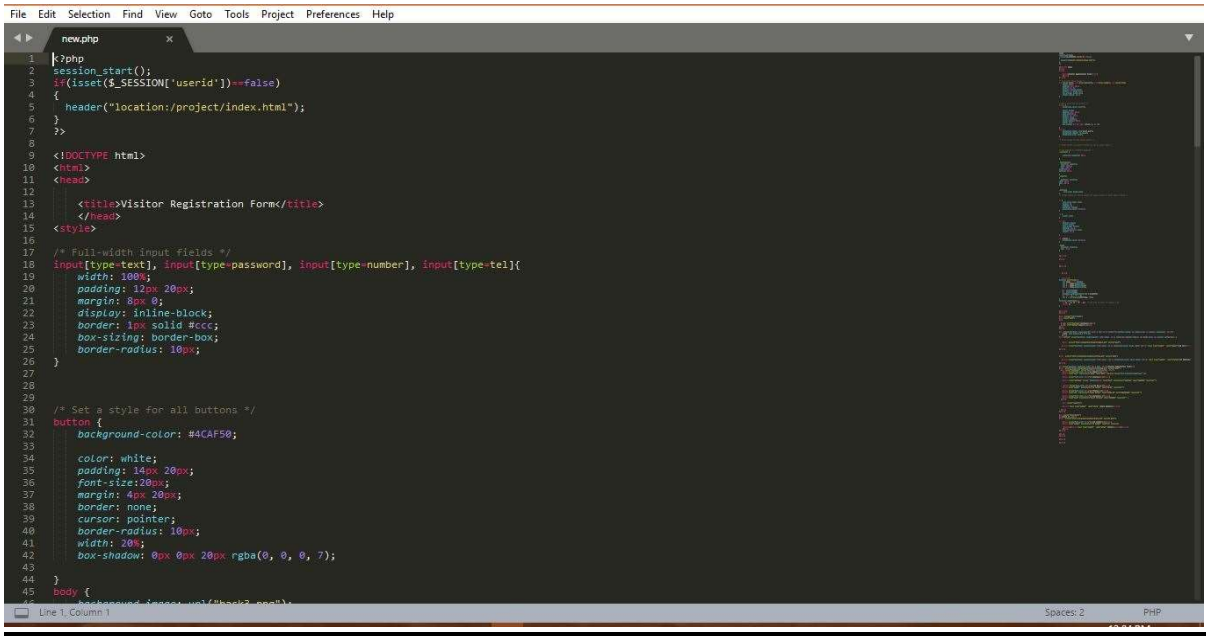


Fig. 3.1.1

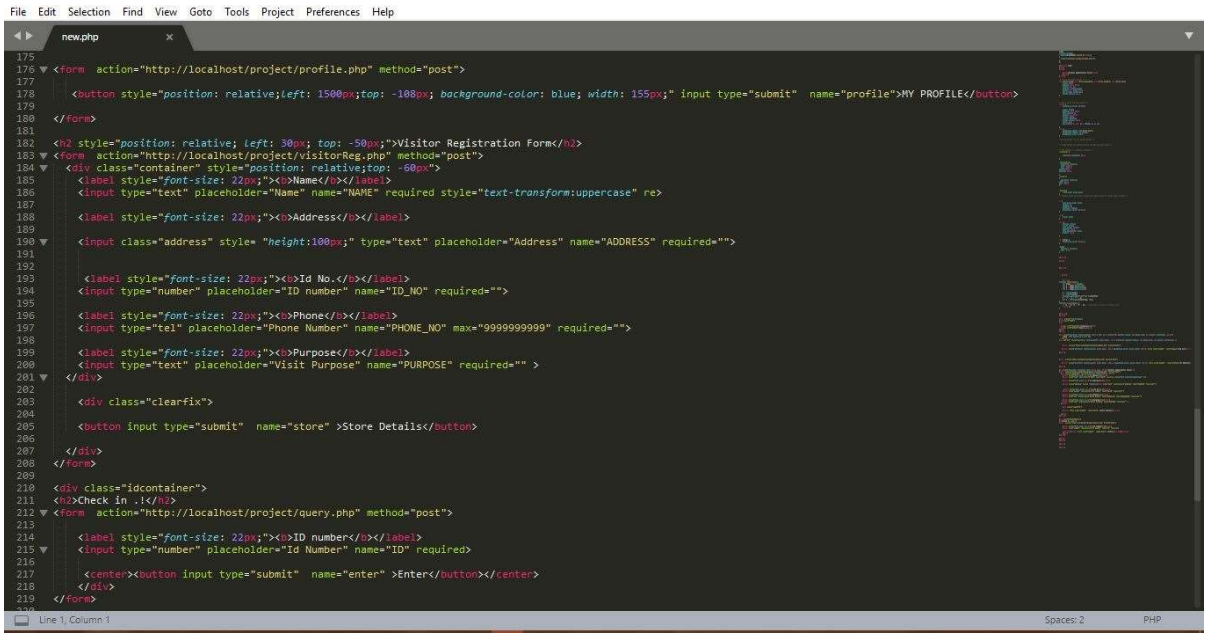
SECURITY HOME PAGE

CODE:



```
<?php
session_start();
if(isset($_SESSION['userid'])==false)
{
  header("location:/project/index.html");
}
?>

<!DOCTYPE html>
<html>
<head>

    <title>Visitor Registration Form</title>
    </head>
<style>

/* Full-width input fields */
input[type=text], input[type=password], input[type=number], input[type=tel]{
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
    border-radius: 10px;
}


/* Set a style for all buttons */
button {
    background-color: #4CAF50;

    color: white;
    padding: 14px 20px;
    font-size:20px;
    margin: 4px 20px;
    border: none;
    cursor: pointer;
    border-radius: 10px;
    width: 20%;
    box-shadow: 0px 0px 20px rgba(0, 0, 0, 7);

}
body {
```

Fig. 3.2.a



```
<form  action="http://localhost/project/profile.php" method="post">

   <button style="position: relative;left: 1500px;top: -108px; background-color: blue; width: 155px;" input type="submit"  name="profile">MY PROFILE</button>

</form>

<h2 style="position: relative; left: 30px; top: -50px;">Visitor Registration Form</h2>
<form  action="http://localhost/project/visitorReg.php" method="post">
 <div class="container" style="position: relative;top: -60px">
    <label style="font-size: 22px;"><b>Name</b></label>
    <input type="text" placeholder="Name" name="NAME" required style="text-transform:uppercase" re>

    <label style="font-size: 22px;"><b>Address</b></label>

    <input class="address" style= "height:100px;" type="text" placeholder="Address" name="ADDRESS" required="">


     <label style="font-size: 22px;"><b>Id No.</b></label>
    <input type="number" placeholder="ID number" name="ID_NO" required="">

    <label style="font-size: 22px;"><b>Phone</b></label>
    <input type="tel" placeholder="Phone Number" name="PHONE_NO" max="9999999999" required="">

    <label style="font-size: 22px;"><b>Purpose</b></label>
    <input type="text" placeholder="Visit Purpose" name="PURPOSE" required="" >
 </div>

    <div class="clearfix">

    <button input type="submit"  name="store" >Store Details</button>

  </div>
</form>

<div class="idcontainer">
<h2>Check in .!</h2>
<form  action="http://localhost/project/query.php" method="post">

    <label style="font-size: 22px;"><b>ID number</b></label>
    <input type="number" placeholder="Id Number" name="ID" required>

     <center><button input type="submit"  name="enter" >Enter</button></center>
    </div>
</form>
```

Fig. 3.2.b

OVERVIEW

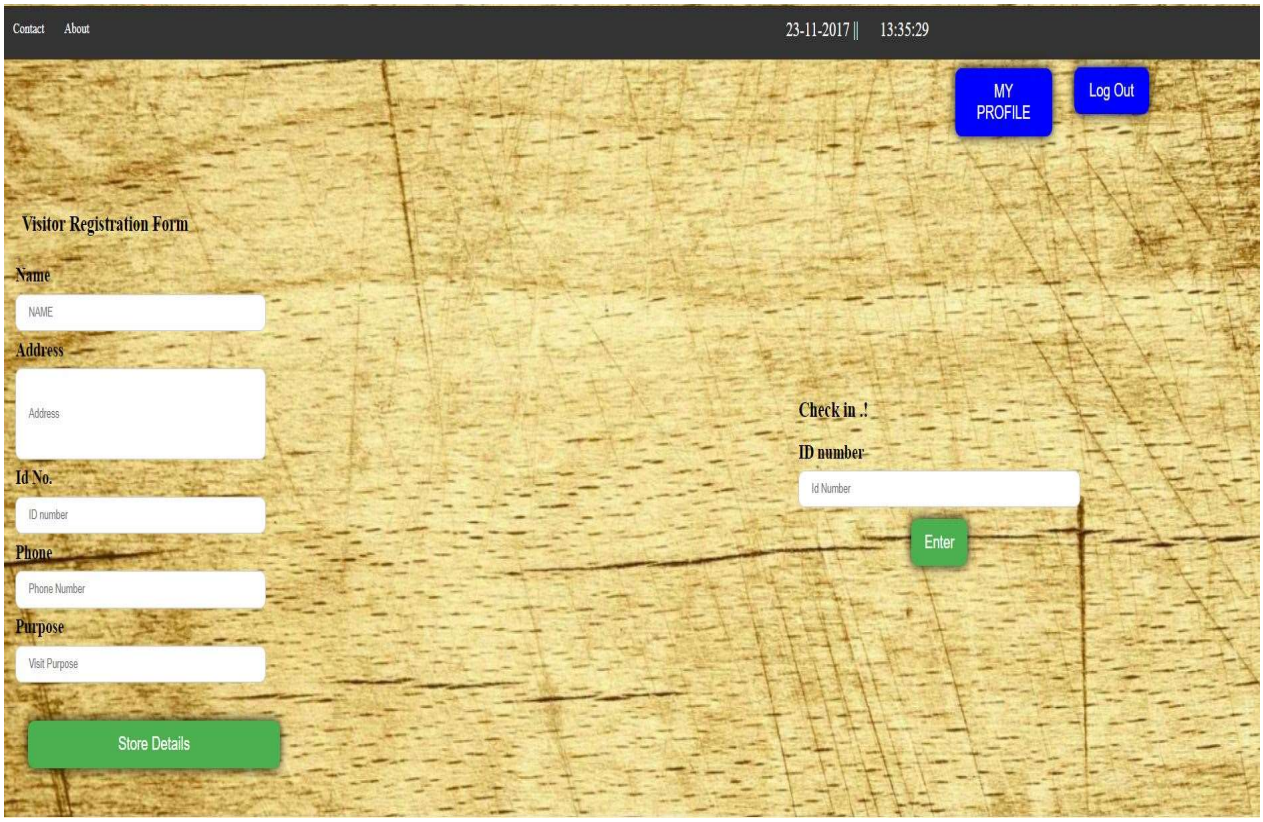


Fig. 3.2.1

SECURITY PROFILE

CODE:

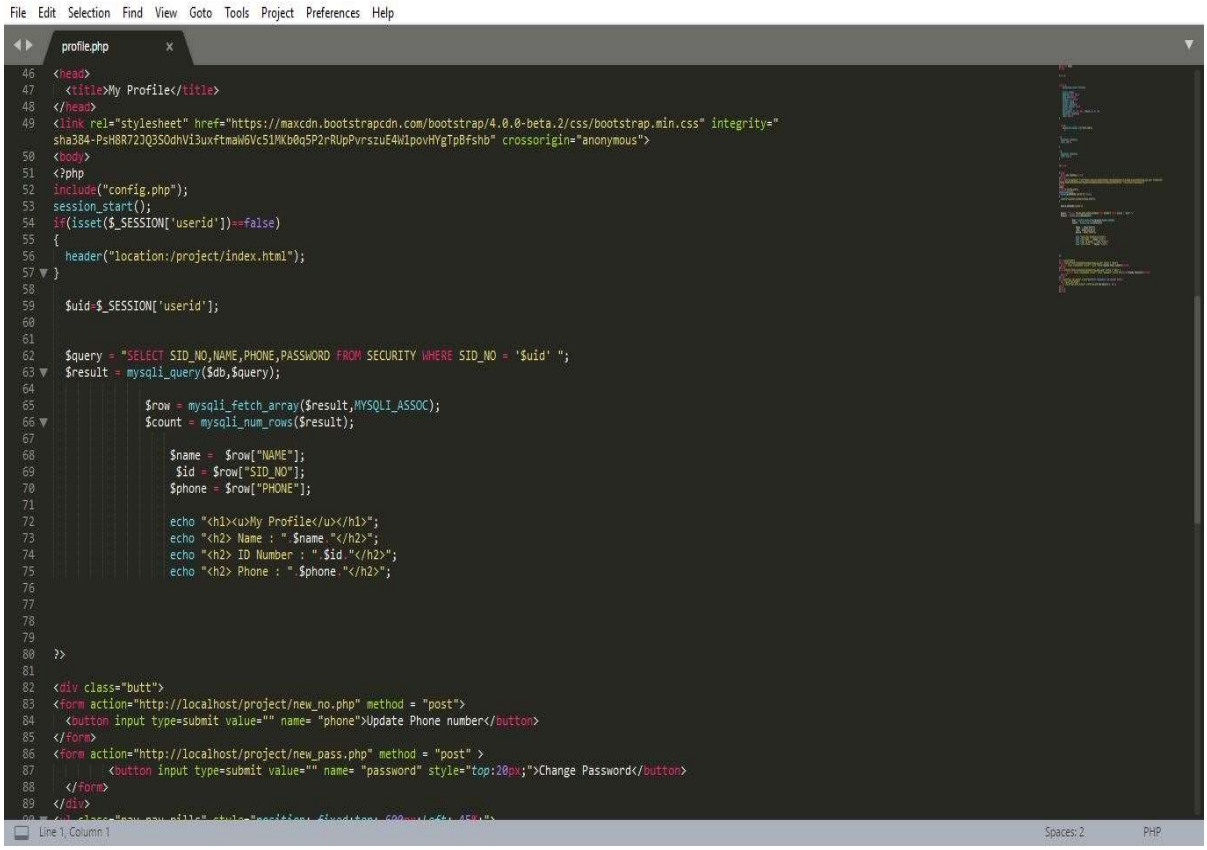


Fig. 3.3

Overview

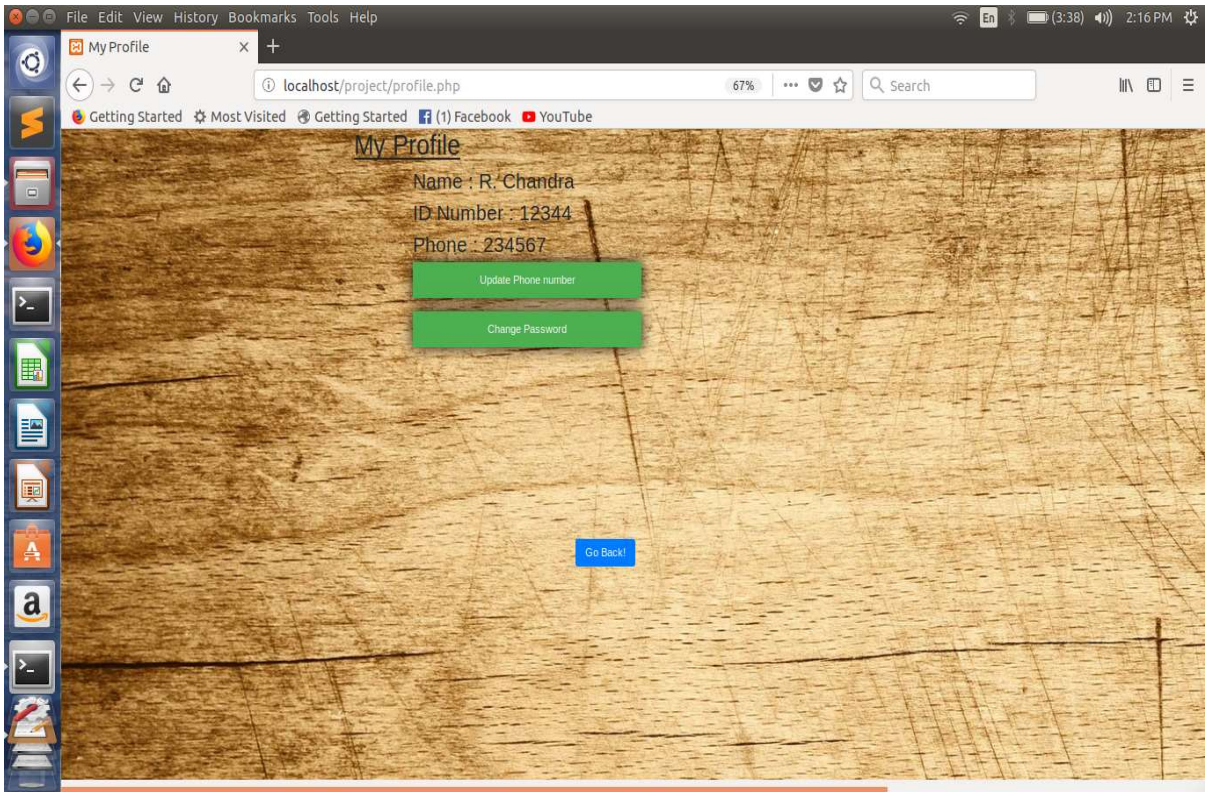


Fig. 3.3.1

VISITOR REGISTRATION:

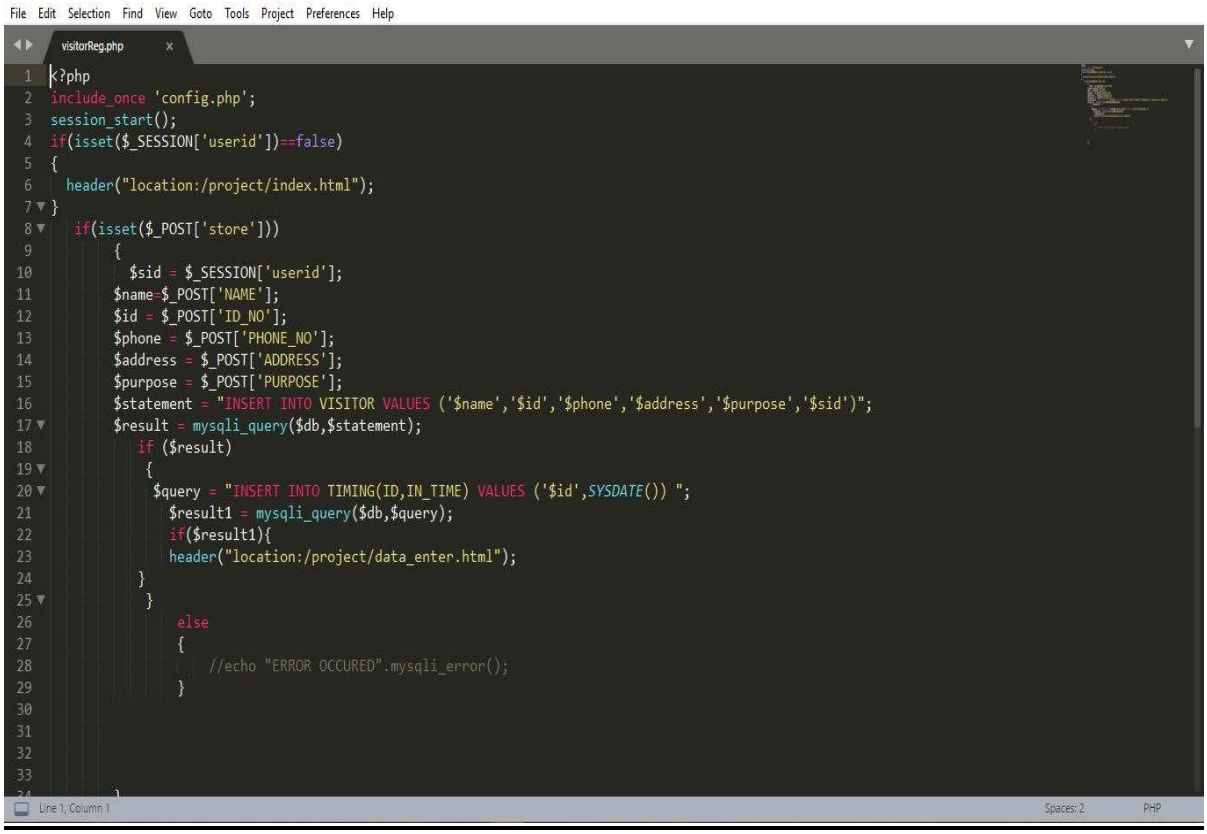
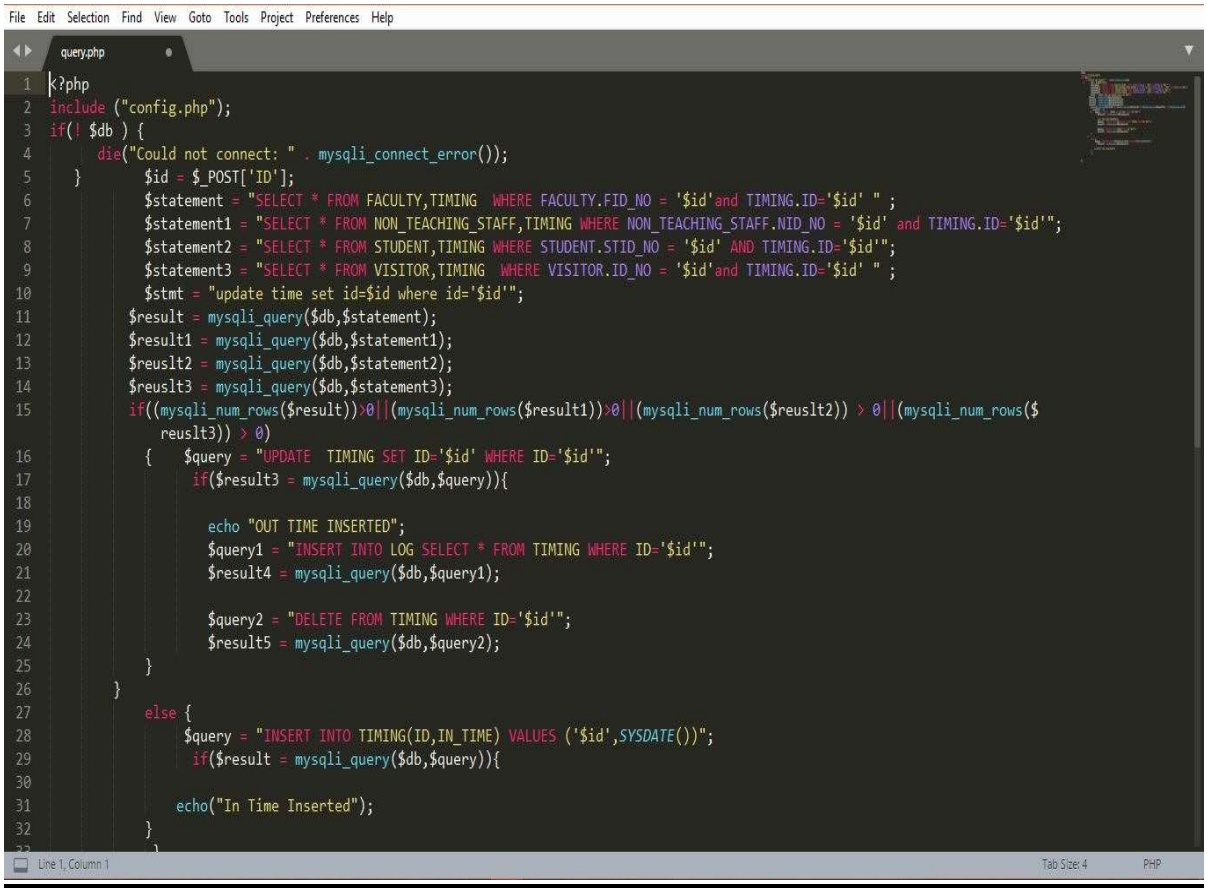


Fig. 3.4

CHECK IN :

FOR COLLEGE MEMBERS AND VISITORS:




```php
<?php
include ("config.php");
if(! $db ) {
      die("Could not connect: " . mysqli_connect_error());
   }       $id = $_POST['ID'];
           $statement = "SELECT * FROM FACULTY,TIMING  WHERE FACULTY.FID_NO = '$id'and TIMING.ID='$id' " ;
           $statement1 = "SELECT * FROM NON_TEACHING_STAFF,TIMING WHERE NON_TEACHING_STAFF.NID_NO = '$id' and TIMING.ID='$id'";
           $statement2 = "SELECT * FROM STUDENT,TIMING WHERE STUDENT.STID_NO = '$id' AND TIMING.ID='$id'";
           $statement3 = "SELECT * FROM VISITOR,TIMING  WHERE VISITOR.ID_NO = '$id'and TIMING.ID='$id' " ;
           $stmt = "update time set id=$id where id='$id'";
         $result = mysqli_query($db,$statement);
         $result1 = mysqli_query($db,$statement1);
         $reuslt2 = mysqli_query($db,$statement2);
         $reuslt3 = mysqli_query($db,$statement3);
         if((mysqli_num_rows($result))>0||(mysqli_num_rows($result1))>0||(mysqli_num_rows($reuslt2)) > 0||(mysqli_num_rows($
             reuslt3)) > 0)
           {    $query = "UPDATE  TIMING SET ID='$id' WHERE ID='$id'";
                if($result3 = mysqli_query($db,$query)){

                   echo "OUT TIME INSERTED";
                   $query1 = "INSERT INTO LOG SELECT * FROM TIMING WHERE ID='$id'";
                   $result4 = mysqli_query($db,$query1);

                   $query2 = "DELETE FROM TIMING WHERE ID='$id'";
                   $result5 = mysqli_query($db,$query2);
           }
        }
           else {
                $query = "INSERT INTO TIMING(ID,IN_TIME) VALUES ('$id',SYSDATE())";
                if($result = mysqli_query($db,$query)){

               echo("In Time Inserted");
           }
```

Fig. 3.5

OFFICE HOME PAGE:

CODES:

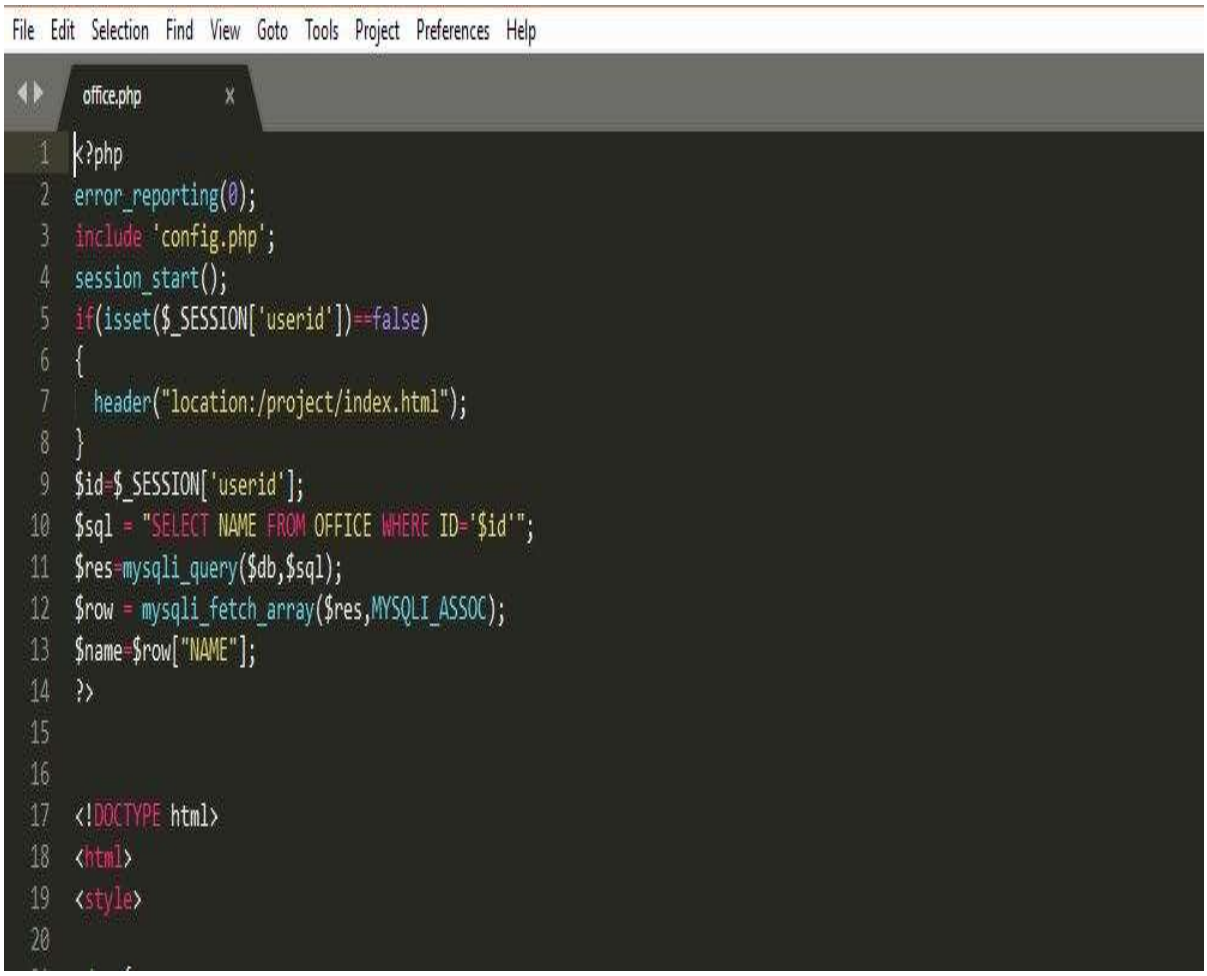
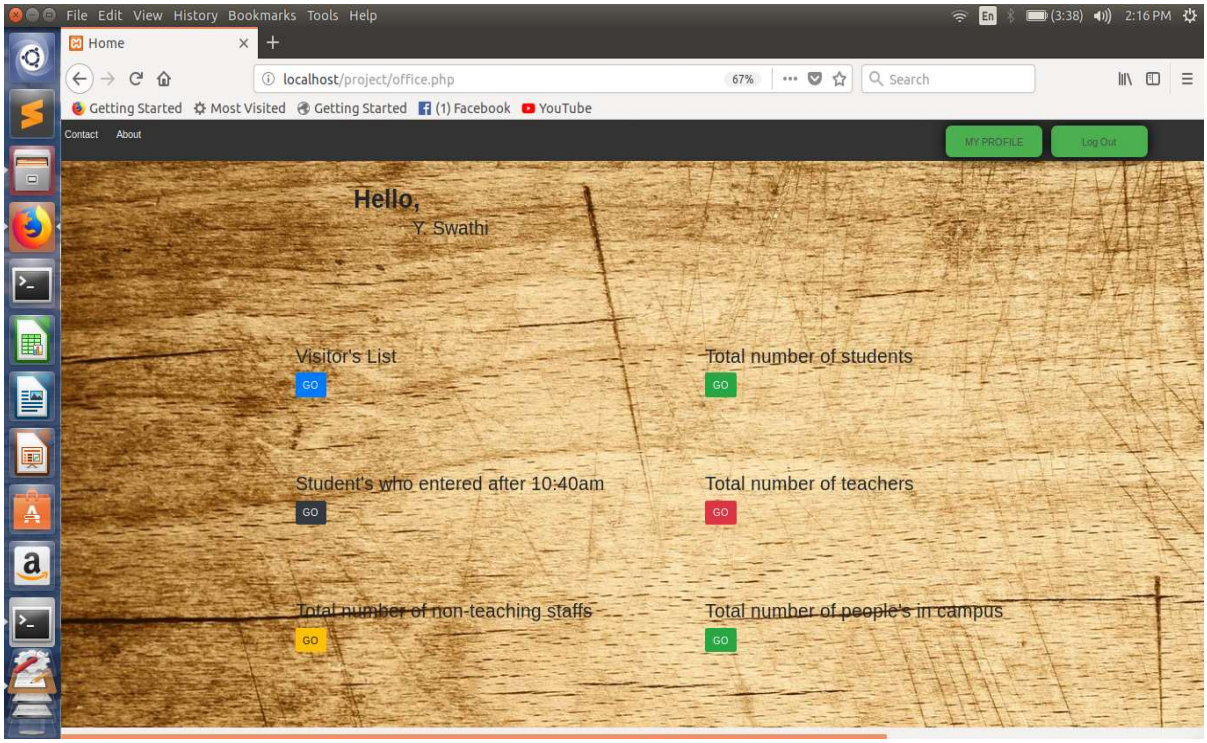


Fig. 3.6

Overview



OFFICE QUERY:

```php
<?php
include 'config.php';
session_start();
if(isset($_SESSION['userid'])==false)
{
  header("location:/project/index.html");
}
if(isset($_POST['find1']))
{
    //$myDate = date('m/d/Y');

    $statement = "SELECT V.NAME,V.PURPOSE,T.IN_TIME FROM VISITOR V,TIMING T WHERE DATE(T.IN_TIME) =DATE(SYSDATE()) AND V.ID_NO =
        T.ID";
    $result = mysqli_query($db,$statement);
    if($result)
    { while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))

        {
        $name = $row["NAME"];
        $purpose = $row["PURPOSE"];
        $time = $row["IN_TIME"];
        echo "<table>";
        echo "<tr>";
        echo "<td><h3>NAME:".$name."</h3></td>";
        echo "</tr>";
        echo "<tr>";
        echo "<td><h3>PURPOSE:".$purpose."</h3></td>";
        echo "</tr>";
        echo "<tr>";
        echo "<td><h3>TIME:".$time."</h3></td>";
        echo "</tr>";
        echo "</table>";
    }
    }
```

Fig. 3.7.1

```php
    }
}
if(isset($_POST['find2']))
{
   $statement = "SELECT NAME FROM STUDENT , TIMING WHERE STUDENT.STID_NO=TIMING.ID AND TIME(IN_TIME)>'10:40:00' AND DATE(IN_TIME)
       =DATE(SYSDATE());
";
$result = mysqli_query($db,$statement);
if($result)
    {
        echo "<h2> Students who came college after 10:40 am </h2>";
        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
        $name = $row["NAME"];
        echo "<h4>".$name."</h4>";
        echo "";
    }
    }

    }
    if(isset($_POST['find3']))
{

    $statement = "SELECT count(NAME) FROM STUDENT , TIMING WHERE STUDENT.STID_NO=TIMING.ID AND DATE(IN_TIME)= DATE(SYSDATE())";
    $result = mysqli_query($db,$statement);
    if($result)
    {
        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
        $count = $row["count(NAME)"];
        echo "Total number of students in college";
        echo "<h3>".$count."</h3>";
        echo "<br>";
    }
```

Fig. 3.7.2

```php
if(isset($_POST['find4']))
{

    $statement = "SELECT count(NAME) FROM FACULTY , TIMING WHERE FACULTY.FID_NO=TIMING.ID AND DATE(IN_TIME)= DATE(SYSDATE())";
    $result = mysqli_query($db,$statement);
    if($result)
    {
        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
        $count = $row["count(NAME)"];
        echo "Total number of Teachers in college";
        echo "<h3>" $count."</h3>";
        echo "<br>";
    }
    }


}
if(isset($_POST['find5']))
{

    $statement = "SELECT count(NAME) FROM NON_TEACHING_STAFF , TIMING WHERE NON_TEACHING_STAFF.NID_NO=TIMING.ID AND DATE(IN_TIME)
        = DATE(SYSDATE())";
    $result = mysqli_query($db,$statement);
    if($result)
    {

        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
        $count = $row["count(NAME)"];
        echo "Total number of Non teaching staffs in college";
        echo "<h3>" $count."</h3>";
        echo "<br>";
```

Fig. 3.7.2

```php
        echo "Total number of Non teaching staffs in college";
        echo "<h3>" $count."</h3>";
        echo "<br>";
    }
}


}
if(isset($_POST['find6']))
{


    $statement = "SELECT COUNT(ID) FROM TIMING WHERE DATE(IN_TIME)=DATE(SYSDATE())";

    $result = mysqli_query($db,$statement);
    if($result)
    {

        while($row = mysqli_fetch_array($result, MYSQLI_ASSOC))
        {
        $count = $row["COUNT(ID)"];
        echo "Total number of peoples's in college";
        echo "<h3>" $count."</h3>";
        echo "<br>";
    }
}


}
?>
</body>
</html>
```

Fig. 3.7.2

OFFICE PROFILE:

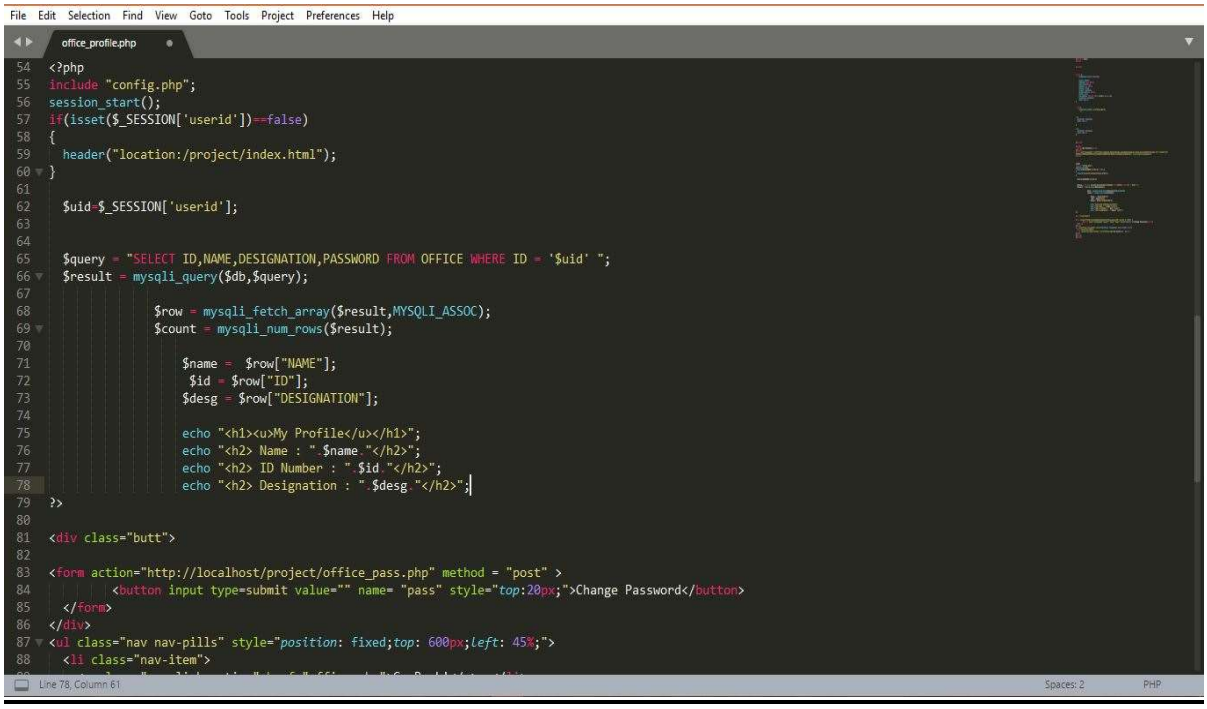
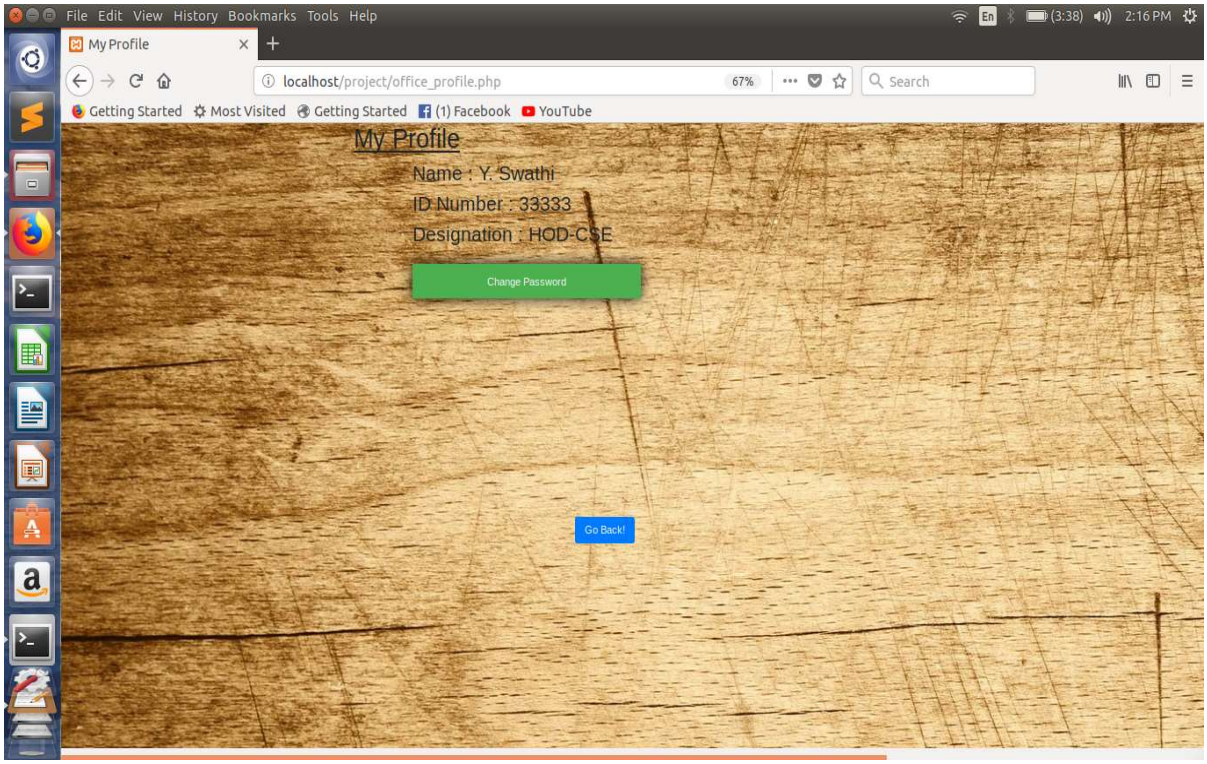


Fig. 3.8

Overview


File Edit View History Bookmarks Tools Help
My Profile
localhost/project/office_profile.php
Getting Started
Most Visited
Getting Started
(1) Facebook
YouTube
My Profile
Name : Y. Swathi
ID Number : 33333
Designation : HOD-CSE
Change Password
Go Back!

LOGOUT:

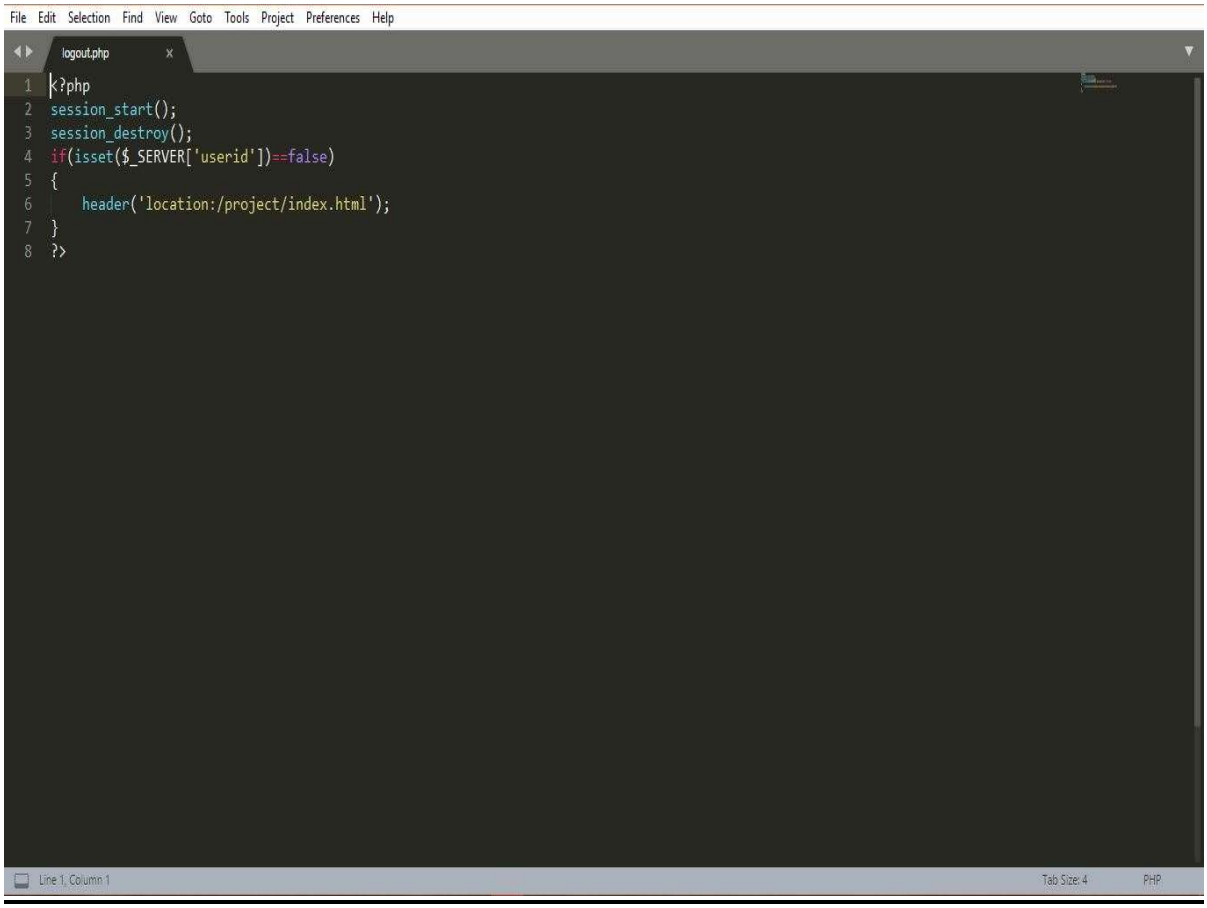


Fig. 3.9