**BUSINESS ENTERPRISE APPLICATION**

***PROJECT REPORT***

**ONLINE ELECTIVE CHOOSING SYSTEM**

**Submitted By**

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**ONLINE ELECTIVE CHOOSING SYSTEM**

**Project Description**

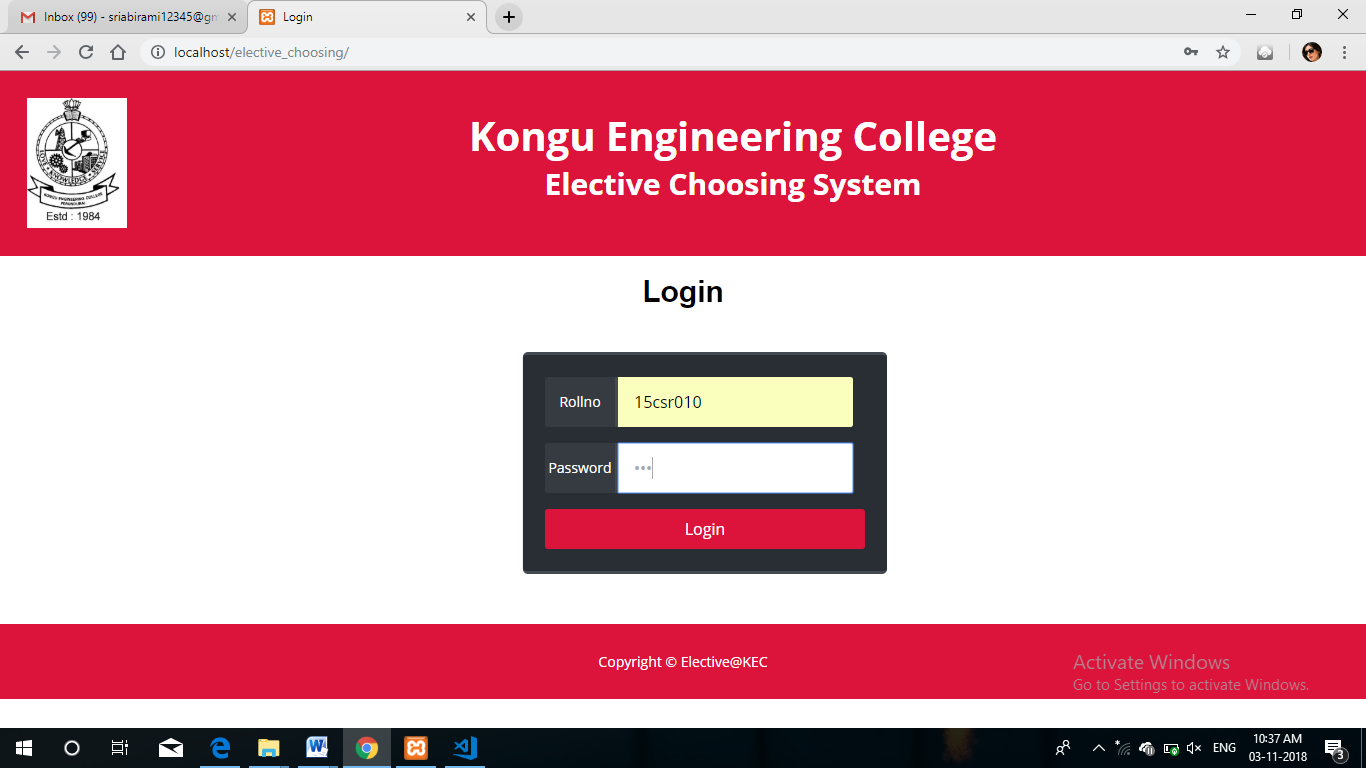
The main aim of this project is to automate the choosing of elective courses through online for a particular semester. This system mainly reduces the manual work of the faculty and makes the students comfortable in choosing the elective. By using this system the student will be able to choose the elective from anywhere. The student have to login with the username and the password and they have to set a password to enter into the elective choosing system. As per the student roll number the current semester will be fetched from the database and the elective courses of current semester will be displayed. The list of professional electives and open electives are fetched according to the semester in which the student is enrolled. The details about elective courses such as course name, maximum enrolment of a particular course, course offering department and to which department the course is offered are entered by the admin user. Student can choose the elective according to their wish.

Once the elective course has been chosen, it checks the maximum limit and if it is satisfied the elective course will be confirmed and hence the count registered so far will be updated immediately. When the student login, he/she can view the total seats for a particular course, and also the number of available seats. So, it will be very easier for the students to view their willing courses and the remaining seats in each of them. If the student chooses any course and if it is already filled, the student will be intimated to choose other elective.

In this system the faculty can login by giving their username and password and can view the elective course details such as how many students have chosen the elective in classwise, department wise and course wise and it can also be downloaded in a excel sheet which would be easy for them to make allotment. The main responsibility of the admin is to maintain all the student details. The admin can add and delete the professional elective course and open elective courses and also the student details.

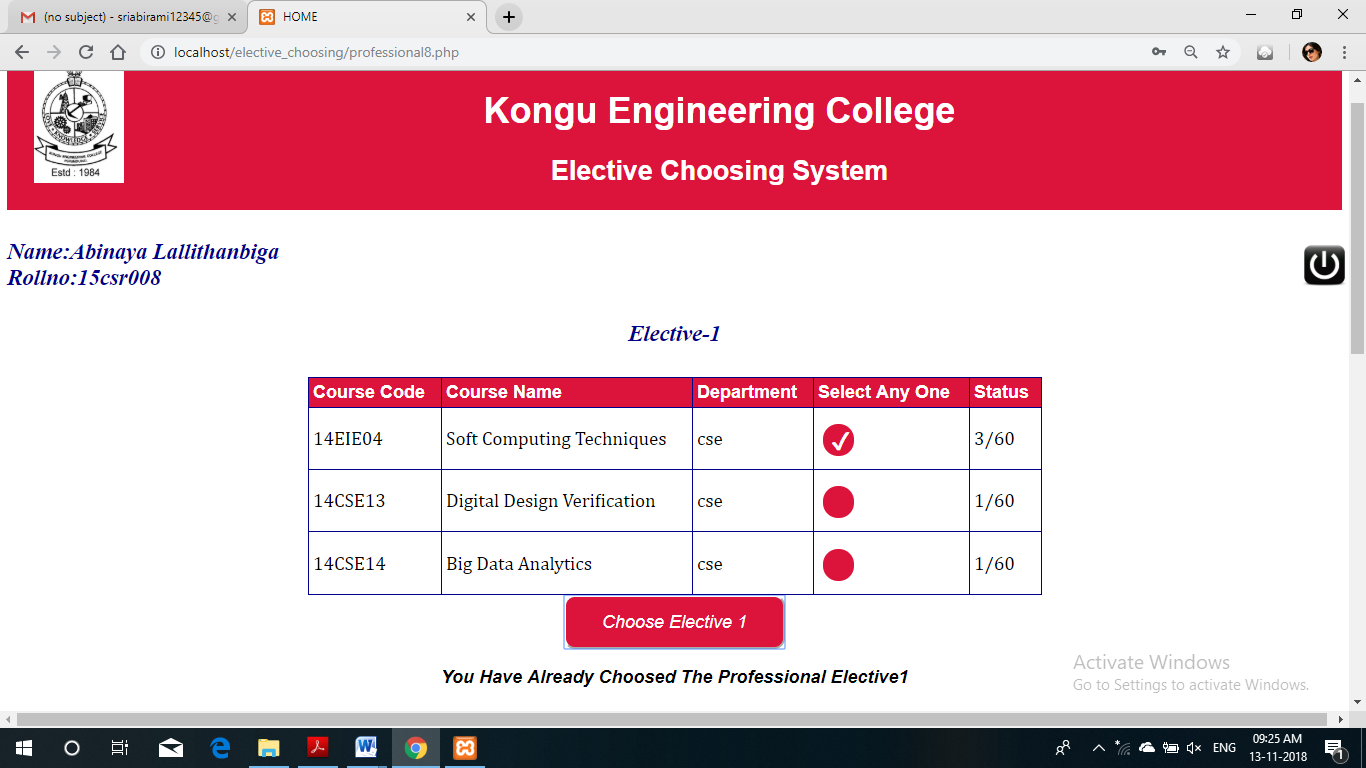
**SCREENSHOTS**

**LOGIN PAGE**



**Login Page**

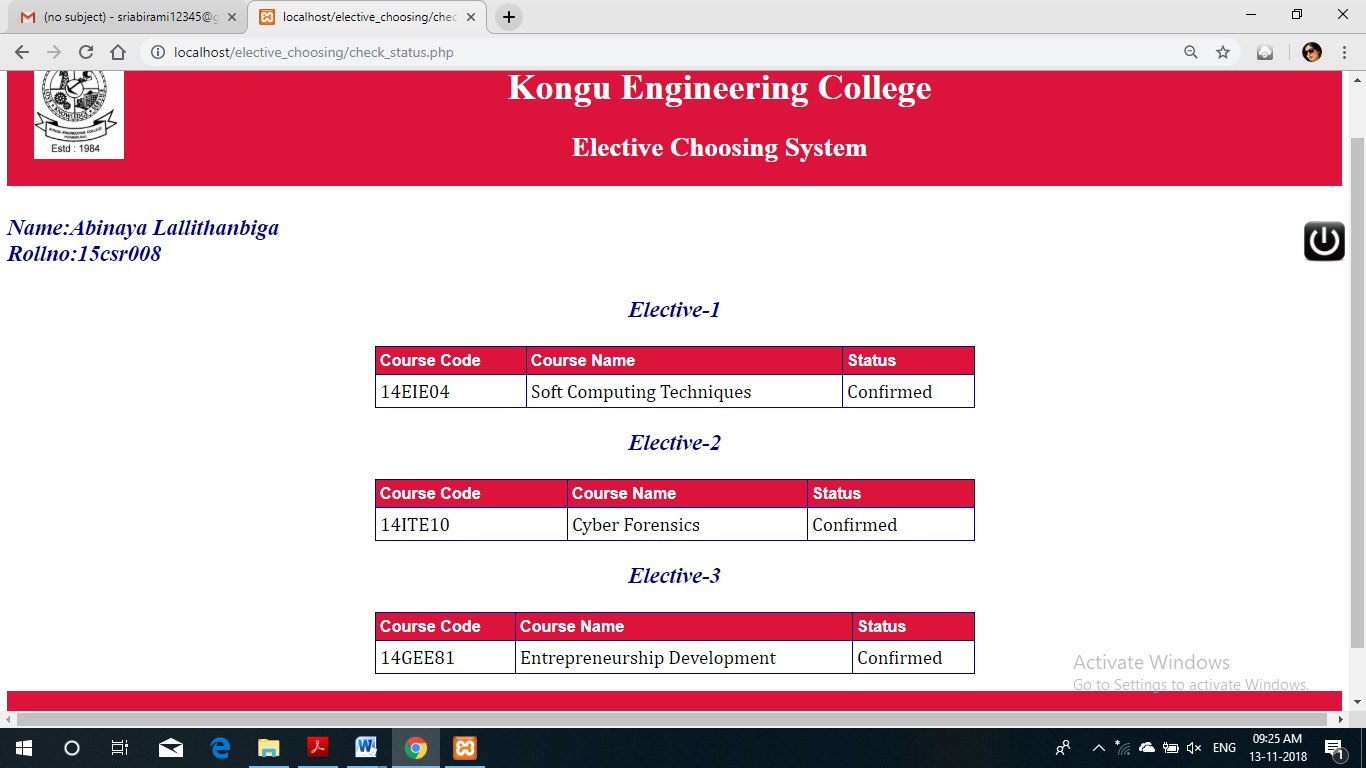
**ELECTIVE CHOOSING PAGE**

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**Elective Choosing page**

The student can able to choose the elective according to the semester. If an elective is chosen successful message is displayed or otherwise an alert message is displayed to choose other elective based on the constraints.

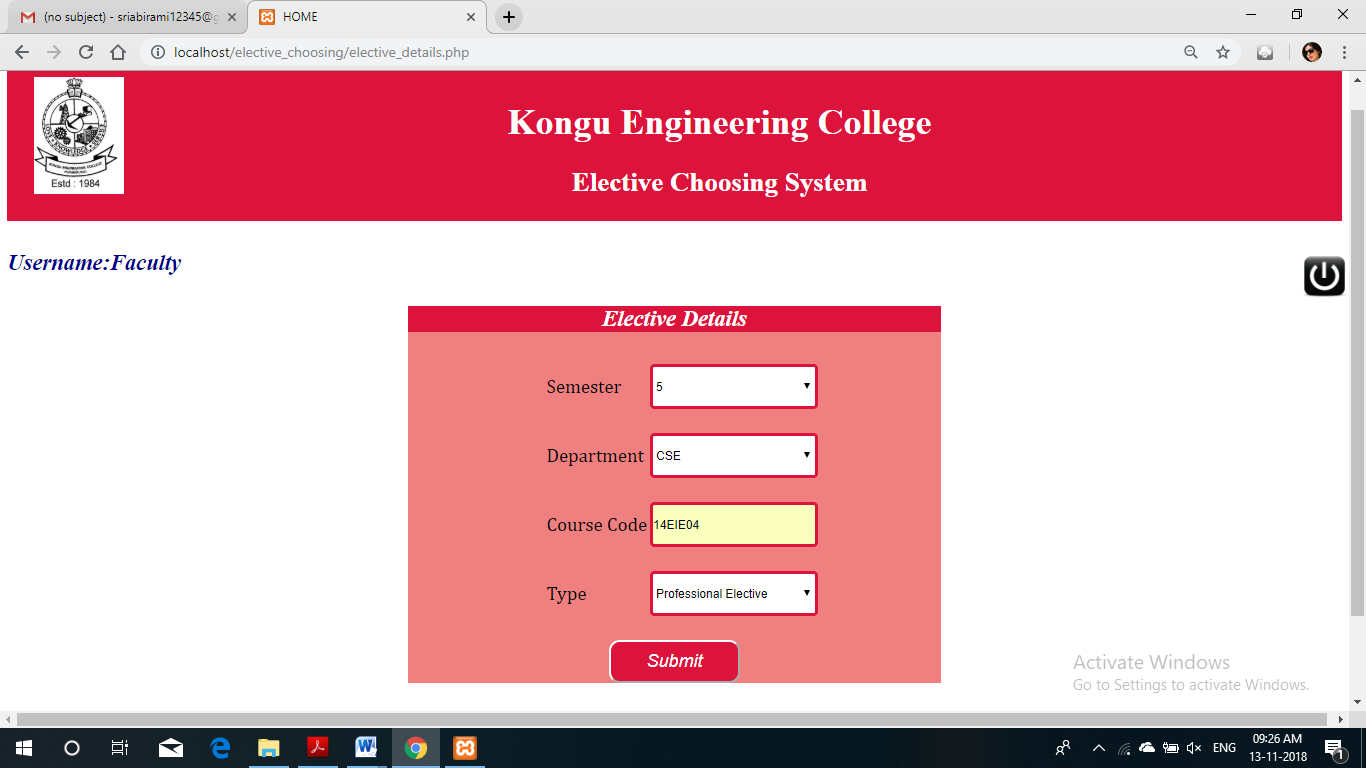
**CHECK STATUS PAGE**

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**Check status page**

In this page, the student can able to view the status of their elective whether it is confirmed or not. A verification is made by the student in this page.

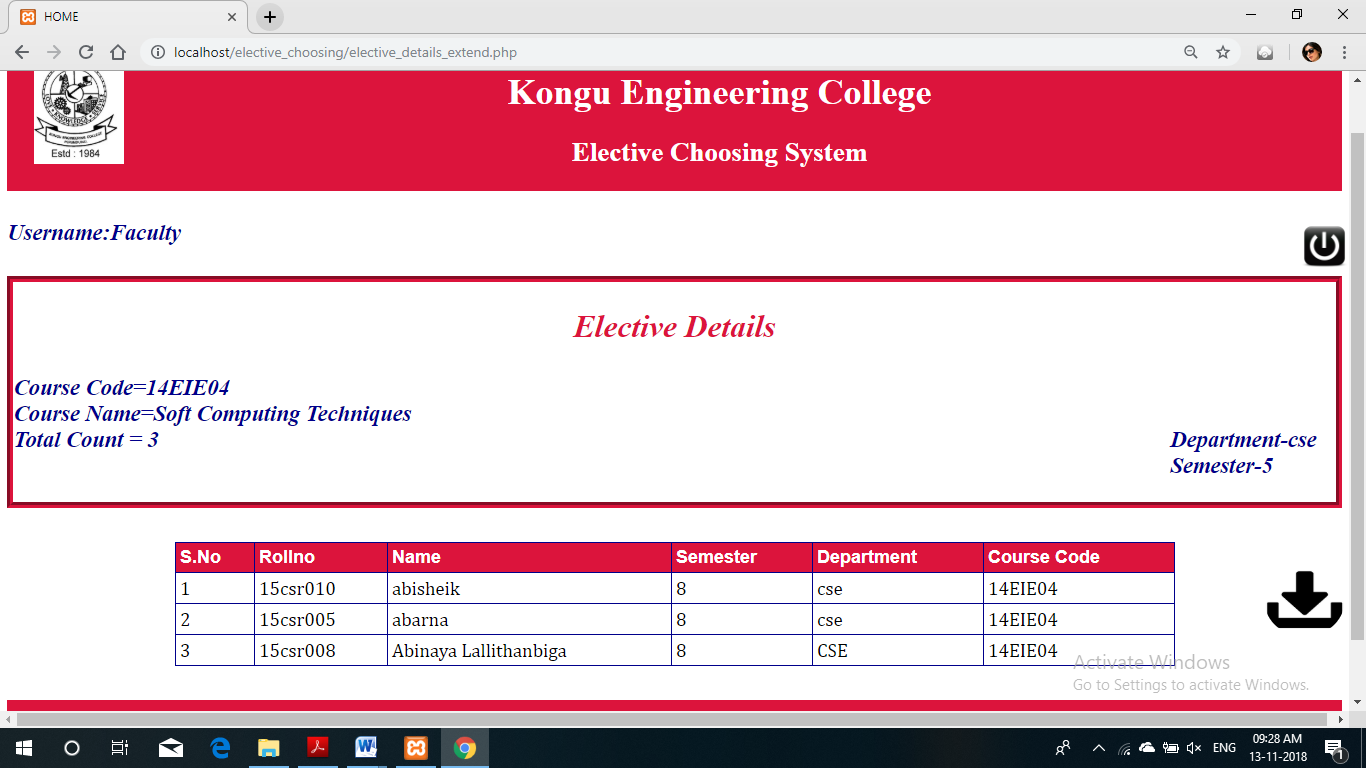
**ELECTIVE DETAILS PAGE**

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**Elective detailspage**

The faculty have to login into the system and give the necessary elective course details and submit it.

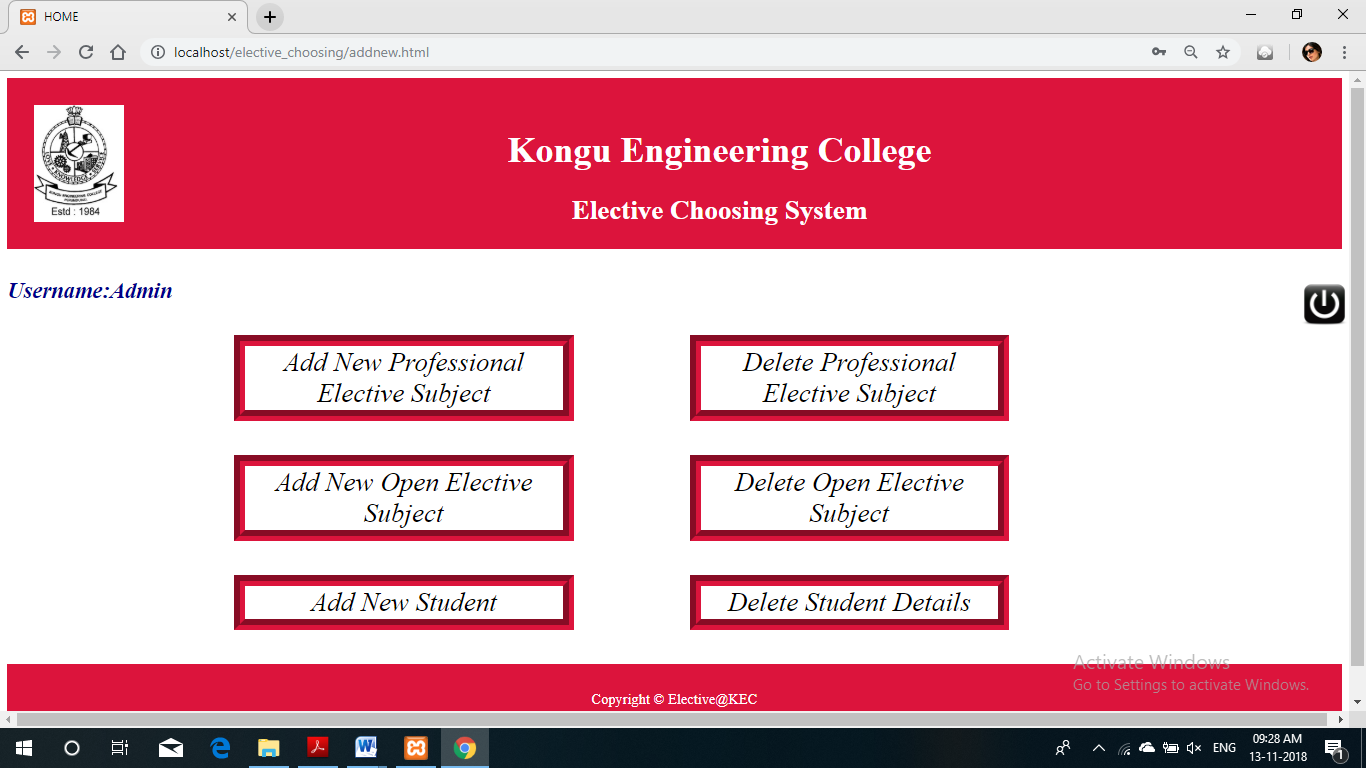
**REPORT GENERATION PAGE**

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**Report Generation page**

In this page, according to the elective subject details given bythe faculty the students details are fetched and displayed either departmentwise or classwise.

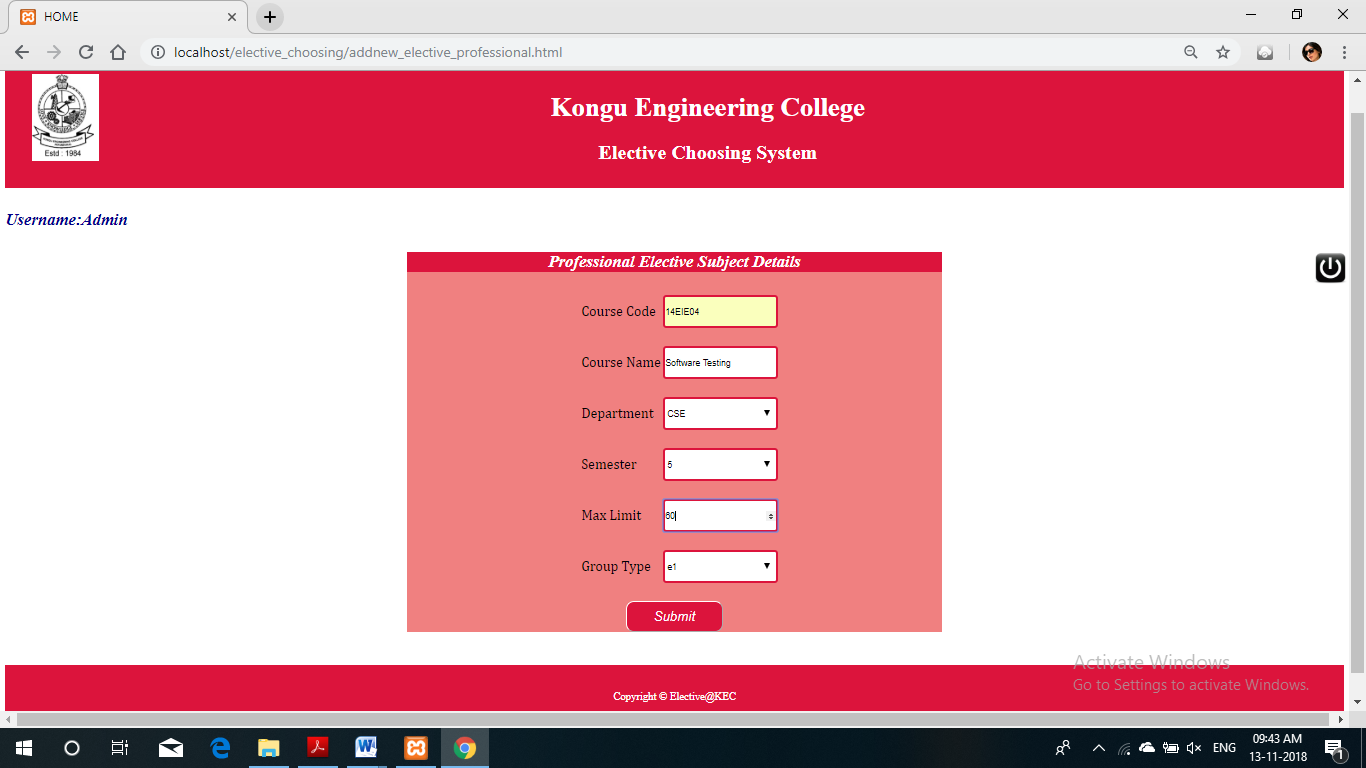
**ADMIN PAGE**

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**Admin page**

The admin have to login into the system and he can able to perform addition or deletion of student or elective details.

**ADDING NEW ELECTIVE/STUDENT PAGE**

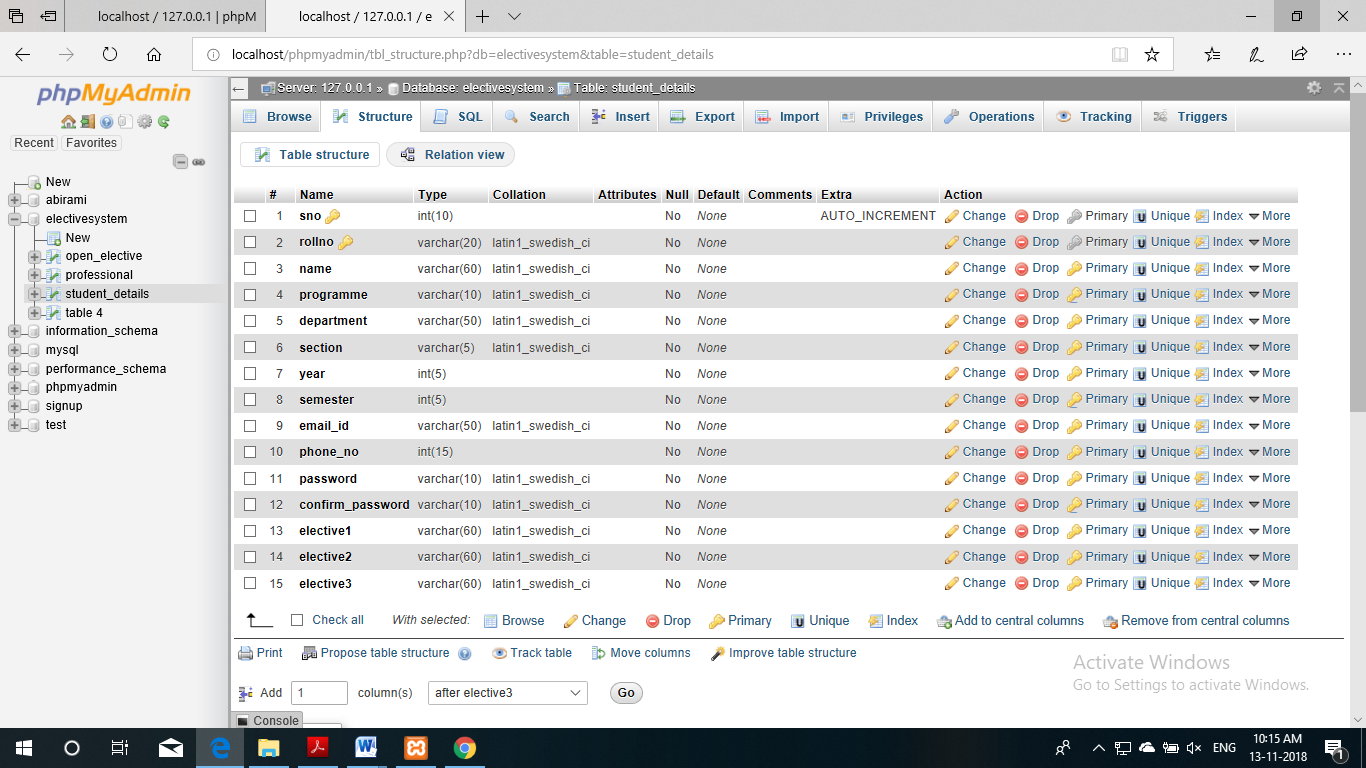
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**Adding new elective/student page**

In this page to add new elective or student , admin should give all the details about the student or elective course. On submission of the details the records will be successfully entered in the database

**DATABASE DESIGN**

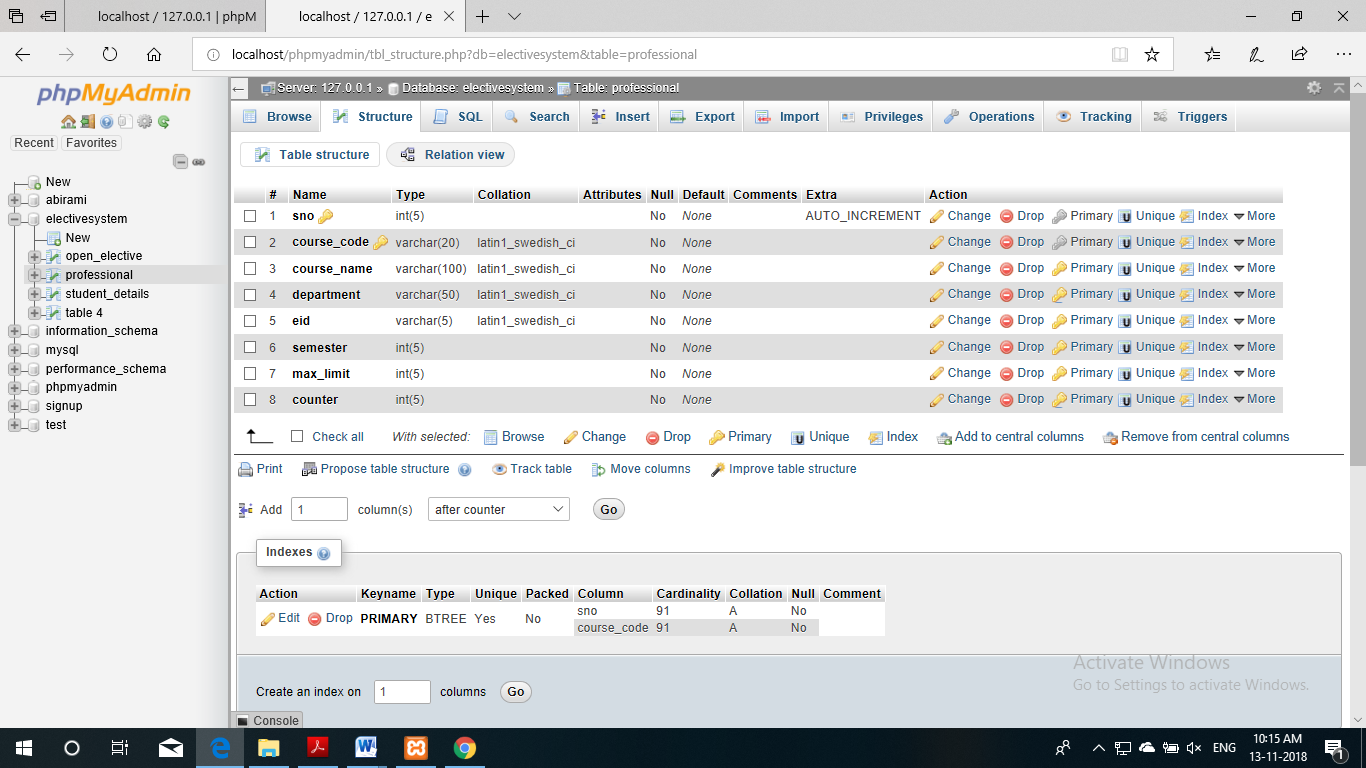
**STUDENT DETAILS**

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**Student details database**

Student table consists of fields such as roll no, name, section , programme, department, emailed ,password, confirm password, elective1,elective2, elective3, phone number.

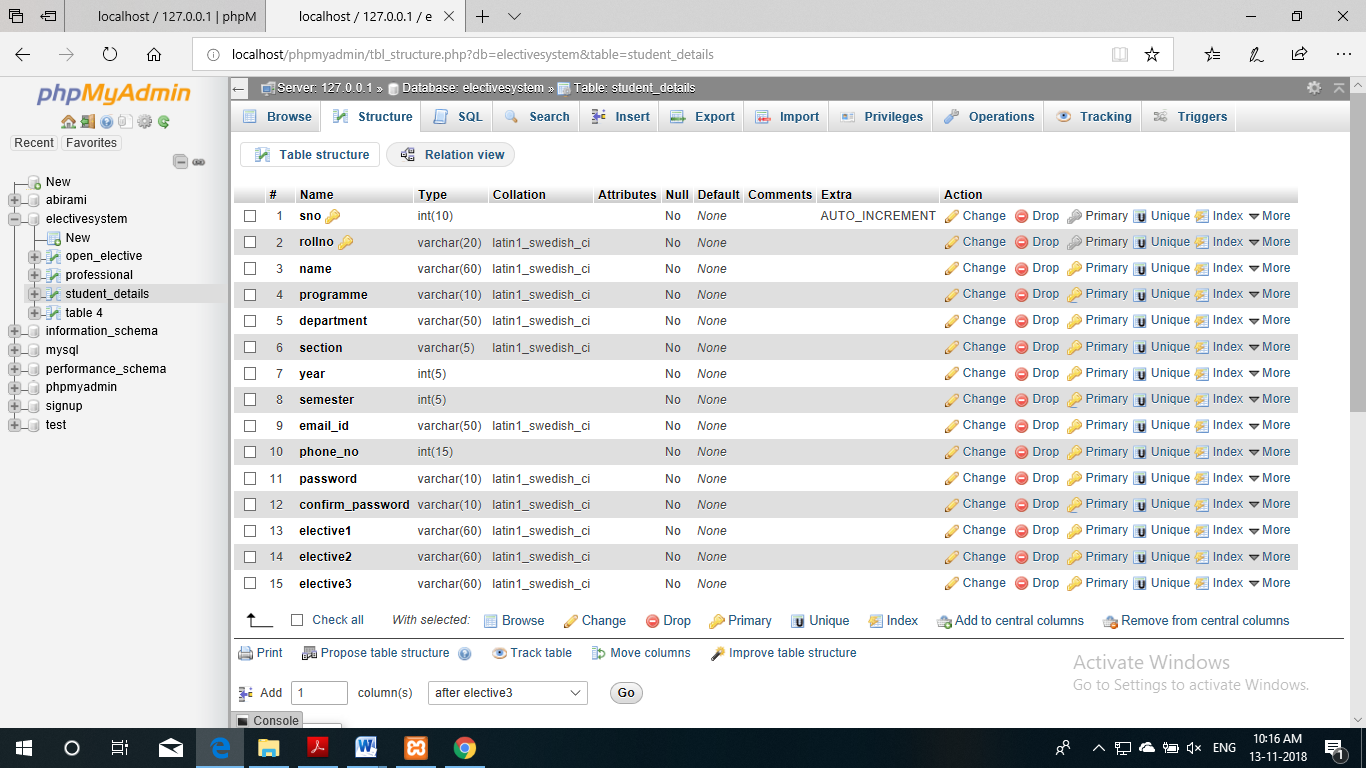
**PROFESSIONAL ELECTIVE DETAILS**

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**Professional elective**

Professional elective table consists course code, course name, elective id, maximum count, counter, eligible, department, semester.

**OPEN ELECTIVE DETAILS**

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**Open elective**

**SOURCE CODE**

**Home.php**

<?php

session\_start();

?>

<html>

<title>Login</title>

<link rel="stylesheet" type="text/css" href="styleall.css">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<body>

<header>

<img src="logo.jpg" class="logo" />

<h1 style="text-align:center; font-size:40px;">Kongu Engineering College</h1>

<h2 style="text-align:center; font-size:30px;">Elective Choosing System</h2>

</header>

<article>

<h1 class="loginheading">Login</h1>

<div id="login">

<form method="post" action="home.php">

<span class="fontawesome-user">Rollno</span>

<input type="text" id="user" placeholder="Rollno" name="rollno">

<span class="fontawesome-lock">Password</span>

<input type="password" id="pass" placeholder="Password" name="password">

<input type="submit" value="Login" name="login">

</form>

</div>

</article>

<?php

$db=new mysqli('localhost','root','','electivesystem'

or die("unable to connect");

if(isset($\_POST['login']))

{

$rollno=$\_POST['rollno'];

$password=$\_POST['password;

if($rollno=='admin' and $password=='admin')

{

header("Location:admin.html");

}

Else

{

$query="select rollno,name,password,semester,department from student\_details where rollno='$rollno'";

$result=mysqli\_query($db,$query)

or die("unable to fetch");

$flag=0;

while($row=mysqli\_fetch\_array($result))

{

if($rollno==$row['rollno'] and $password==$row['password'])

{

$flag=1;

if($row['semester']==5)

{

$\_SESSION["rollno"] = $rollno;

$\_SESSION["name"] = $row['name'];

$\_SESSION["semester"] = $row['semester'];

$\_SESSION["department"] = $row['department'];

header("Location:professional5.php");

}

if($row['semester']==8)

{

$\_SESSION["rollno"] = $rollno;

$\_SESSION["name"] = $row['name'];

$\_SESSION["semester"] = $row['semester'];

$\_SESSION["department"] = $row['department'];

header("Location:professional8.php"); }

if($row['semester']==6)

{

$\_SESSION["rollno"] = $rollno;

$\_SESSION["name"] = $row['name'];

$\_SESSION["semester"] = $row['semester'];

$\_SESSION["department"] = $row['department'];

header("Location:prof\_and\_open6.php");

}

if($row['semester']==7)

{

$\_SESSION["rollno"] = $rollno;

$\_SESSION["name"] = $row['name'];

$\_SESSION["semester"] = $row['semester'];

$\_SESSION["department"] = $row['department'];

header("Location:prof\_and\_open7.php");

}

} }

if($flag==0){

echo '<b><p class="mismatch"> \* Username And Password Mismatch</p></b>';

}

} }?>

<footer class="foo">Copyright &copy; Elective@KEC</footer>

</body>

</html>

**Professional.php**

<html>

<head>

<?php

session\_start();

?>

<title>HOME</title>

<link rel="stylesheet" type="text/css" href="styleall.css">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<script>

function gotoajax(){

var course\_code=document.forms['choose\_elective1']['elective1'].value;

var xmlhttp = new XMLHttpRequest();

xmlhttp.onreadystatechange = function() {

if (this.readyState == 4 && this.status == 200) {

document.getElementById("demo11").innerHTML = this.responseText;}

};

xmlhttp.open("GET", "getuser.php?q="+course\_code, true);

xmlhttp.send();

}

</script>

</head>

<body>

<header>

<img src="logo.jpg" class="logo" />

<h1 style="text-align:center; font-size:40px;">Kongu Engineering College</h1>

<h2 style="text-align:center; font-size:30px;">Elective Choosing System</h2>

</header>

<article>

<?php

echo '<h4>Name:'.$\_SESSION["name"].'<br>';

echo 'Rollno:'.$\_SESSION["rollno"].'</h4>';

echo '<a href="home.php" >

<img class="img" src="unnamed.png"/>

</a>';

$db=new mysqli('localhost','root','','electivesystem')

or die("Not Connected");

$semester=$\_SESSION["semester"];

$department=$\_SESSION["department"];

$query1="select \* from professional where semester='$semester' AND department='$department' AND eid='e1'";/body></html>

$query2="select \* from professional where semester='$semester' AND department='$department' AND eid='e2'";

$query3="select \* from professional where semester='$semester' AND department='$department' AND eid='e3'";

$result1=mysqli\_query($db,$query1)

or die("unable to fetch");

$result2=mysqli\_query($db,$query2)

or die("unable to fetch");

$result3=mysqli\_query($db,$query3)

or die("unable to fetch");

echo '<b><h4 style="text-align: center;">Elective-1</h4></b>';

echo '<form name="choose\_elective1" method="post">';

echo '<table align="center">

<thead>

<tr><th>Course Code</th>

th>Course Name</th>

<th>Department</th>

<th>Select Any One</th></tr>

</thead>

<tbody>';

while($row=mysqli\_fetch\_array($result1)){

echo '<tr>';

echo '<td>'.$row['course\_code'].'</td>';

echo '<td>'.$row['course\_name'].'</td>';

echo '<td>'.$row['department'].'</td>';

echo '<td><input type="radio" class="option-input radio" name="elective1" value='.$row['course\_code'].'>';

echo '</tr>';}

echo '</tbody>

</table>';

echo '<input type="button" name="submit\_elective1" value="Choose Elective 1" onclick="gotoajax()" />';

echo '</form>';

echo '<p id="demo11" class="dm" style="text-align:center;"></p>';

echo '<b><h4 style="text-align: center;">Elective-2</h4></b>';

echo '<form name="choose\_elective2">';

echo '<table align="center">

<thead><tr>

<th>Course Code</th>

<th>Course Name</th>

<th>Department</th>

<th>Select Any One</th>

</tr></thead>

<tbody>';

while($row=mysqli\_fetch\_array($result2)){

echo '<tr>';

echo '<td>'.$row['course\_code'].'</td>';

echo '<td>'.$row['course\_name'].'</td>';

echo '<td>'.$row['department'].'</td>';

echo '<td><input type="radio" class="option-input radio" name="elective2" value='.$row['course\_code'].'>';

echo '</tr>';

}

echo '</tbody>

</table>';

echo '<input type="button" name="elective2" value="Choose Elective 2" onclick="gotoajax2()" />';

</body>

</html>