K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous Institution)

TIRUCHENGODE-637215



A PROJECT REPORT

50 CS 504 – WEB TECHNOLOGY

V-Semester, III Year, 2019-2023 Batch

BACHELOR OF ENGINEERING COMPUTER SCIENCE ENGINEERING

K.S. RANGASAMY COLLEGE OF TECHNOLOGY

(An Autonomous institution, affiliated to Anna University Chennai and Approved by AICTE, New Delhi)

TIRUCHENGODE - 637 215

PROJECT TITLE: FORM PAGE WITH DATABASE CONNECTIVITY
PROGRAMMING LANGUAGE: HTML, CSS, PHP
IDE TOOL: SUBLIME TEXT EDITOR

SUBMITTED BY

NAME:SARAVANAN.S

RG.NO:1914168 **YEAR:**3rd YEAR

DEPT/SECTION:CSE - B

ABSTRACT:

HTML Forms can be seen everywhere today in all kinds of sites. These HTML forms are used to collect data or information or feedback etc., from the visitors of your site. There are Log In Forms, Registrations Forms, Contact Us Forms, among others.

TABLE OF CONTENT:

S.NO	CONTENT	PAGE.NO:
1	INTRODUCTION	4
2	DESIGN/IMPLEMENTATION	5
3	CODES	6
4	SNAPSHOTS AND RESULTS	12
5	CONCLUSIONS	15

INTODUCTION:

HTML Forms are used to obtain kinds of user details and inputs, such as name, age, and email address. The forms used in the websites are formed with the help of different special elements known as 'controls' in HTML, for example, text areas, radio buttons, checkboxes, submit buttons, etc.

While using such forms, users or visitors enter the information or data by modifying these controls, for example, by entering texts or performing selection on specific items, etc. and then by submitting the form. When the form is duly filled, the submitted form adds data, or sends it or redirects it to another page or could also save the details in a database.

HTML Forms are easy to create. As all other HTML elements, to create a form we need an opening form tag (<form>) and a closing form tag (</form>), which in turn will use other attributes like <fieldset> elements, <legend> elements, <input> elements among others to create a fully functional form. of course, we have to use CSS for look and feel.

A registration form, however, is something that accepts a variety of data or information, like name, user name, password, date of birth, email address, among others, and this information is then subjected to processing that might include a display of the data on the next page or saving of data into a database and performing a successful registration.

When data that has been entered into HTML forms is submitted, the names and values in the form elements are encoded and sent to the server in an http request message using GET or POST. Historically, an email transport was also used.

The default MIME type (internet media type), application/x-www-form-urlencoded, is based on a very early version of the general URI percent-encoding rules, with a number of modifications such as newline normalization and replacing spaces with "+" instead of "%20". Another possible encoding, Internet media type multipart/form-data, is also available and is common for POST-based file submissions.

DESIGN AND IMPLEMENTATION:

We are going to design Student Registration Form in HTML with CSS using Table in HTML. A simple HTML Code for Student Registration Form that contains all necessary fields in the student registration form. Take an example, First-Name, Last-Name, Email ID, Mobile Number, Address, Hobbies, Course, Gender, Date-of-Birth, etc.

Let's see the creation of the Registration Form,...

Create and add HTML form elements and their associated elements. Here we will create nested form-related or associated elements inside opening and closing Form tags. You can also 'add action' attribute to your <form> tag.

Add CSS for look and feel. This step is optional since without adding CSS as well, your form will register equally successfully. So for our registration form, I added a bit of the magic of CSS. When the above HTML code is executed, we see the following form displayed in our browser.

Now validations are a 'set of rules or instructions that a programmer sets for the user or the visitor of your web site. For example, a username should be of 5 to 8 characters, or Password can not have a special character and so on.

After a successful creation of form page we are creating a database with the help of localhost. After creating a new database a table is created with the columns refered from html tag names. Then the php file was created to link the html form to database to store the data which are entered by the visitors.

Finally the html page was opened with the help of localhost and run to check the performance.

Here is how a form normally works, step-by-step

- ❖ A user visits your web page which contains a form.
- ❖ The users' web browser displays the HTML form.
- ❖ The user fills out the form and clicks submits
- The browser sends the submitted form data to the web server
- ❖ A form processor script running on the web server processes the form data
- ❖ A response page is sent back to the browser.

SOURCE CODE:

PROJECT.HTML

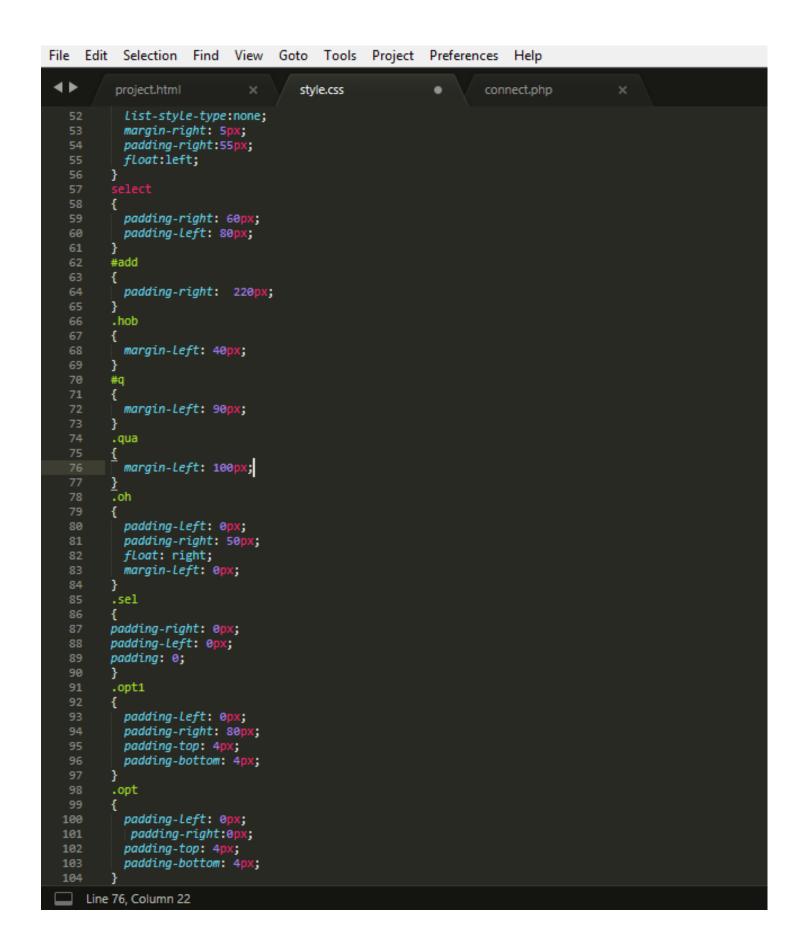
```
File Edit Selection Find View Goto Tools Project Preferences Help
 ∢▶
           project.html
          <!DOCTYPE html>
<html>
<head>
<title>REGISTRATION FORM</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
          <br/>tody>
           New Student Data Registration Form </h2>
           <form action="connect.php" method="POST">
              First Name:<br> <input type="text" name="fname" placeholder="Ex:Saravanan" required >
Last Name:<br> <input type="text" name="lname" placeholder="Ex:vijay" required>
              E-Mail Id:<br><input id="em" type="email" name="Mail" placeholder="Ex:vijay@gmail.com" required>
           Mobile Number:<br><input id="mb" type="text" name="mnumber" placeholder="Ex:9876543210" required>
              Cli>Date Of Birth:<br><input id="db" type="Date" name="dnumber" required>
              Gender: <br>
                 <select name="gen" required>
  <option >Male</option>
  <option>Female</option>
  </select>
           Father's Name: <br > <input type="text" name="father" required>
```

```
File Edit Selection Find View
                                                                                                                                                                                                                                         Goto Tools Project Preferences Help
      ∢ ▶
                                                                   project.html
                                                                                                                                                                                                                                                                style.css
                                                                                                                                                                                                                                                                                                                                                                                                                                                           connect.php
                   52 ▼ 
                                                                                     Mother's Name: <br/>
<input type="text" name="mother" required>
                                                                           59 ▼
                                                        <</li>
                                                                                         <1i>
                                                                                                      Address:<br/>textarea id="add" rows="5" cols="35" name="add" required></textarea>
                                                                                         65 ▼ 
                                                                                     City:<br><input type="Address" name="city" required>
                                                                           71 ▼ 
                                                                                 State: <br/>
State: <br/>
- State: <
                                                                          78 ▼ 
                    79 ▼
                                                                           <br/>
<br/>
dr><br/>
<br/>
<
                                                                                                   Hobbies:
                                                                                     <input class="hob" type="checkbox" name="Hobby[ ]" value="Drawing" />Drawing<br>
<input class="hob"type="checkbox" name="Hobby[ ]" value="Singing" />Singing<br>
<input class="hob" type="checkbox" name="Hobby[ ]" value="Dancing" />Dancing<br>
<input class="hob"type="checkbox" name="Hobby[ ]" value="Sketching" />Sketching<br/>
<input class="hob"type="checkbox" name="Hobby[ ]" value="others" />Others
                                                                                          <l
                    92 ▼
                   93 ▼
                                                                                  <br/><br><br>
                    94 ▼
                                                                                                                     Qualifications:
                   97 ▼
                                                                                                        <input class="qua"type="radio" name="High" value="High School" />High School(10th)<br><
input class="qua" type="radio" name="High" value="Higher School" />Higher School(12th)<br/><input class="qua"type="radio" name="High" value="Graduation" />Graduation(Bachelors)<br/><input class="qua" type="radio" name="High" value="Post Graduation" />PostGraduation
```

```
File Edit Selection Find View Goto Tools Project Preferences Help
4 Þ
          project.html
                                                                       connect.php
             <br/><br><br><pri>
                  Qualifications:
                  <input class="qua"type="radio" name="High" value="High School" />High School(10th)<br>
<input class="qua" type="radio" name="High" value="Higher School" />Higher School(12th)<br/>
<input class="qua"type="radio" name="High" value="Graduation" />Graduation(Bachelors)<br/>
<input class="qua" type="radio" name="High" value="Post Graduation" />PostGraduation
            class="sel">
              <br>Course Applied:
                </select>
          <input id="sub" type="submit" name="submit" value="SUBMIT">
          </div>
          </form>
          </div>
         </body>
```

STYLE.CSS

```
File Edit Selection
                     Find View
                                   Goto Tools Project Preferences Help
∢▶
          project.html
                                      style.css
                                                                   connect.php
         {
           text-align:center;
           font-family:sans-serif;
           font-size:18px;
           background-color:black;
           color:white;
           width: device-width;
           float: middle;
         input ,select,textarea
           border:3px solid white;
           padding:4px 20px;
           margin-bottom:25px;
           float:middle;
           border-radius:10px;
           font-weight:bold;
         }
#form
           float: left;
           margin: 10px 200px 10px 330px;
border:2px solid white;
         #sub
           padding:10px;
           margin-left: 60px;
           padding-Left:150px;
           padding-right:150px;
         #sub:hover,input:hover,select:hover,textarea:hover
         background-color:black;
         color:white:
         transition: 0.3s;
           List-style-type:none;
           padding-Left: 20px;
           padding-right:60px;
           float:left;
         #db
           List-style-type:none;
           margin-right: 5px;
```

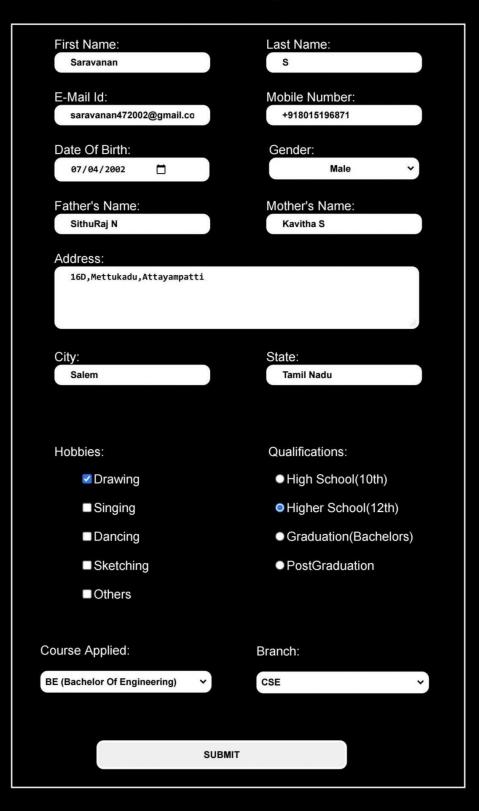


CONNECT.PHP

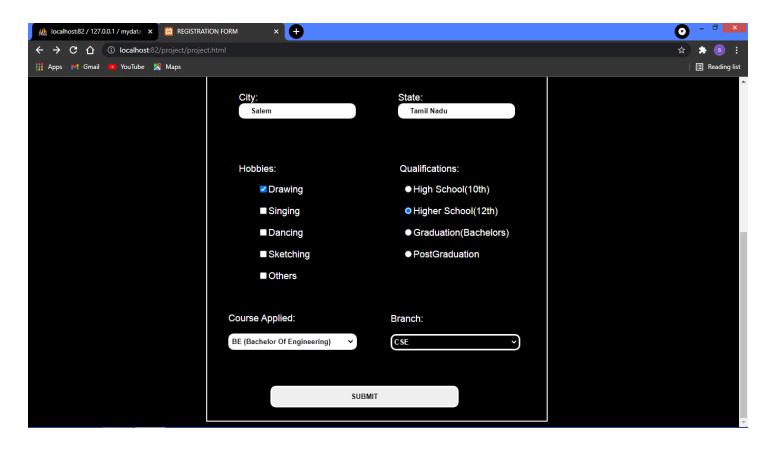
```
File Edit Selection Find View Goto Tools Project Preferences Help
∢▶
         project.html
                                    style.css
                                                               connect.php
                                                                                  •
        <?php
            $fname = $_POST['fname'];
            $1name = $_POST['lname'];
            $mail = $_POST['Mail'];
            $mnum = $_POST['mnumber'];
            $dob = $_POST['dnumber'];
            $gen = $_POST['gen'];
$fa = $_POST['father'];
            $mom = $_POST['mother'];
            $add=$_POST['add'];
  11
            $city = $_POST['city'];
            $state = $_POST['state'];
            $hobby = $_POST['Hobby'];
            $High = $_POST['High'];
            $dept = $_POST['dept'];
  17
            $course= $_POST['course'];
            $dbhost ="localhost";
            $dbuser ="root";
$dbpass ="";
            $db = "mydata";
            $con = mysqli_connect($dbhost,$dbuser,$dbpass,$db);
            $chk="";
            foreach ($hobby as $chk1)
            {
                $chk.= $chk1.",";
            }
            $sq1 = "INSERT INTO project(ID,FIRST NAME,LAST NAME,MAIL,MOBILE,DATE OF BIRTH,
            GENDER, FATHER_NAME, MOTHER_NAME, ADDRESS, CITY, STATE, DEPARTMENT, COURSE, HOBBY, SCHOOLING)
                     values('0','$fname','$lname','$mail','$mnum','$dob',
                 '$gen','$fa','$mom','$add','$city','$state','$dept','$course','$chk','$High')";
            if($con->query($sql))
            {
                echo '<script> alert ("Submitted Successfully..!")</script>';
            }
            {
  44
                echo "error".sql. $con->error;
            }
        $con->close();
        ?>
    Line 49, Column 1
```

SNAPSHOTS:(FULL PAGE)

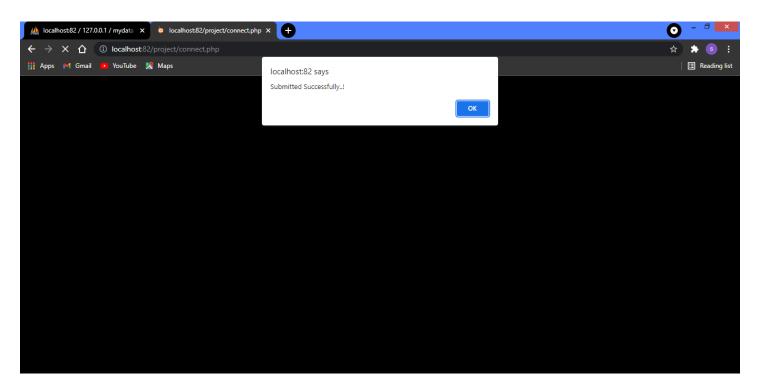
New Student Data Registration Form



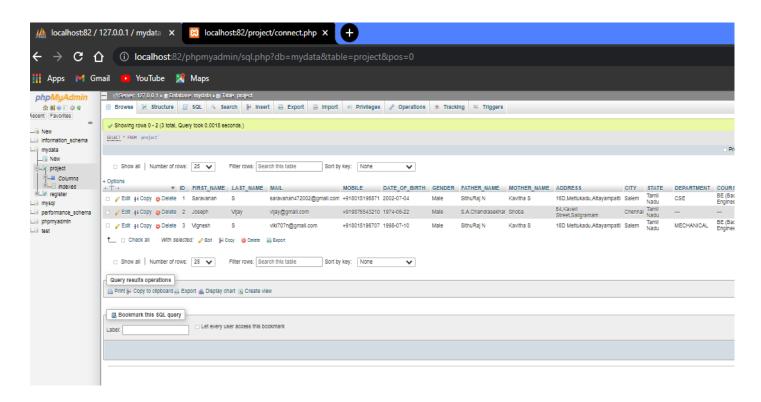
SNAPSHOT ON BROWSER:



SNAPSHOT AFTER SUBMISSION OF FORM:

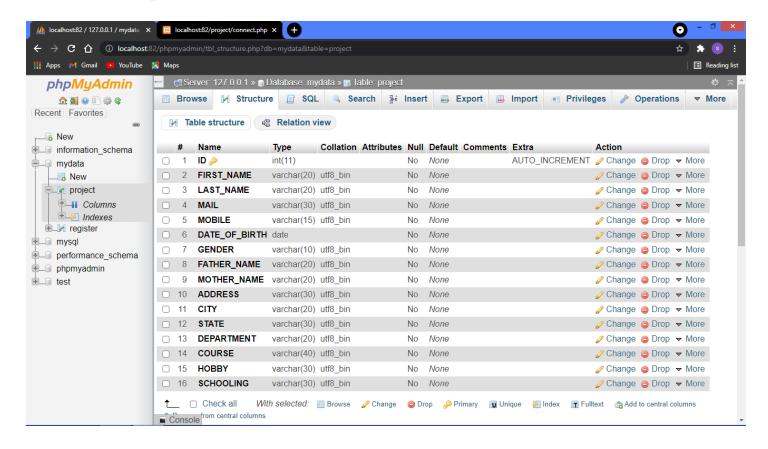


SUBMITTED DETAILS ON DATABASE:



DATABASE TABLE:

TABLE NAME:project



CONCLUSION:	
Finally the form page was created and linked to the database with the help of php codes and the datas are inserted successfully	