INNOVATE. CREATE. SOLVE

Bengaluru, Karnataka, India

AN INTERNSHIP REPORT ON

"ENGINEERING SGPA/CGPA CALCULATOR"

Bachelor of Engineering

In

Computer Science and Engineering

Submitted By: Sunidhi Tavargeri (2KE18CS049)

KLE INSTITUE OF TECHNOLOGY, HUBBALLI

ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success.
We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

Development - We develop responsive, functional and super-fast websites.
We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

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OVERVIEW OF THE PROJECT

Project Name: **“ENGINEERING SGPA/CGPA CALCULATOR”**

Team Members: Sunidhi Tavargeri
Srishti A Bulbule
Nandita D Nilange

This project is based on Web Development And its Applications.
The main objective of this project is to learn the implementation of HTML, CSS JavaScript, MySQL. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

This webpage is designed to calculate VTU SGPA/CGPA grading for engineering students.

ABOUT SGPA/CGPA CALCULATION

Computation of SGPA and CGPA

The following expressions shall be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively:

$$SGPA = \frac{\sum[Course\ Credits \times Grade\ Points]\ for\ all\ the\ Courses\ in\ that\ Semester}{\sum[Course\ Credits]\ for\ all\ the\ Courses\ in\ that\ Semester}$$

$$CGPA = \frac{\sum[Course\ Credits \times Grade\ Points]\ for\ all\ Courses\ excluding\ those\ with\ F\ grades\ until\ that\ Semester}{\sum[Course\ Credits]\ for\ all\ Courses\ excluding\ those\ with\ F\ grades\ until\ that\ semester}$$

Conversions of CGPA into Percentage of marks and Class Equivalence

Formula for the conversion of CGPA into percentage of marks.

Percentage of marks secured, P = [CGPA Earned - 0.75] × 10

Illustration for a CGPA of 8.20:

P = [CGPA Earned 8.20 - 0.75]× 10

= 74.5 %

TOOLS USED

Software Requirements:

- ATOM.
- Google Chrome or Brave Browser.
- Front End: HTML, CSS, JavaScript
- Backend: PHP, MySQL
- Windows XP/7/8/10 OS.

Hardware Requirements:

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

IMPLEMENTATION

Source Code :

index.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Calculator</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="V favicon.ico">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"
></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></sc
ript>

  </head>
  <body>

      <nav class="navbar navbar-expand-md navbar-dark" style="background-
color: #000000;">
       <img class="navbar-brand" src="snapshots/CST logo.jpeg" alt="cst logo">

       <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#collapsibleNavbar">
         <span class="navbar-toggler-icon"></span>
       </button>

       <div class="collapse navbar-collapse" id="collapsibleNavbar">
         <ul class="navbar-nav ml-auto">
           <li class="nav-item">
             <a class="nav-link1" href="index.html">HOME</a>
```

```
        </li>
        <li class="nav-item">
          <a class="nav-link1" href="signup.html">SIGNUP</a>
        </li>
        <li class="nav-item">
          <a class="nav-link1" href="sgpa.html">VTU SGPA
CALCULATOR</a>
        </li>
        <li class="nav-item">
          <a class="nav-link1" href="cgpa.html">VTU CGPA
CALCULATOR</a>
        </li>
        <li class="nav-item dropdown">
            <a class="nav-link1" href="#" id="navbardrop" data-
toggle="dropdown">
              MORE..
            </a>
            <div class="dropdown-menu">
              <a class="dropdown-item" href="contact.html">Contact</a>
              <a class="dropdown-item" href="about.html">About Us</a>
            </div>
          </li>
      </ul>
    </div>
  </nav>
<div class="top-container">
  <h1 class="headding"><strong>VTU  <br> <span
class="sc">SGPA</span>&<span class="sc">CGPA</span>
<br>CALCULATOR</strong> </h1>
<br><br>
<p class="headd2">VTU <span class="sc">SGPA</span> & <span class="sc">
CGPA</span> Calculator for VTU Students for 2018 scheme</p>
<br>
<center>
<a class="signup" href="signup.html">SIGNUP</a>
<br><br><br>
<a class="sgpa" href="sgpa.html">SGPA CALCULATOR</a>
<br><br>
<a class="cgpa" href="cgpa.html">CGPA CALCULATOR</a>
<br><br><br>
</div>
```

```
<div class="bottom-container">
  <p class="copyright">© 2021 Team-Techie. All rights reserved.</p>
</div>
  </body>
</html>
```

signup.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>SIGN UP</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <div class="upside">
      <h1 class="headding"><strong>SIGN UP</strong></h1>
      <form action="details_entry.php" method="post" class="signpage">
      <center>
        <label><strong class="empty">Name *</strong></label>
        <input type="text" required name="name" value=""><br><br>
        <label class="space"><strong class="leftspace">USN  *</strong></label>
        <input type="text" required name="usn" value=""><br><br>
        <label><strong class="empty">Email *</strong></label>
        <input type="email" required name="email" value=""><br><br>
        <input class="btn" type="submit" name="save" value="SUBMIT" >
   </form>
   </div>
   <div class="downside">
   <center>
   <br><br>
   <a class="sgpa1" href="sgpa.html"><span class=sgpa2>SGPA</span> <span
class="cal">Calculator</span></a>
   <br><br><br>
   <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span> <span
class="cal">Calculator</span></a>
   <br><br>
   <p><strong>Click here to <a class="homeword"
href="index.html">Home</a> after signup.</strong></p>
```

```
   <br><br>
   </div>
  </body>
</html>
```

sgpa.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
      <h1 class="headding"><strong>VTU  <span class="sc"> SGPA</span>
<br>CALCULATOR</strong></h1>
      <h2 class="headd3">Choose your <span
class="sem">SEMESTER</span></h2>
      <hr>
      <center>
      <br>
      <h2><span class="year">2018</span> <span
class="scheme">Scheme</span>
      <h4 class="h4">For students who admitted in the year 2018/2019</h4>
      <br><br><br>
      <a class="semester" href="phy.html"><span class="num">1</span>st and
<span class="num">2</span>nd SEM<br><span class="cycle">
PHYSICS</span>-<span class="group">GROUP</span></a><br><br><br>
      <a class="semester" href="che.html"><span class="num">1</span>st and
<span class="num">2</span>nd SEM<br><span class="cycle">
CHEMISTRY</span>-<span
class="group">GROUP</span></a><br><br><br>
      <a class="semester" href="34sem.html"><span class="num">3</span>rd
and <span class="num">4</span>th SEM<br><span class="group"> (ALL
BRANCH)</span></a><br><br><br>
      <a class="semester" href="5thsem.html"><span class="num">5</span>th
SEM<br><span class="group"> (ALL BRANCH)</span></a><br><br><br>
      <a class="semester" href="6thsem.html"><span
```

```
class="new">(new)</span><span class="num"> 6</span>th SEM<br><span
class="group"> (ALL BRANCH)</span></a><br><br><br>
     <br><br>
     <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
     <br><br><br>
     <div class="downside">
     <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
   </div>
   <br><br>


  </body>
</html>
```

phy.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
   <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span
class="color">PHYSICS</span> GROUP<br><span class="color">1st &
2nd</span> SEM</h1>
    <br><hr>
    <center>
      <h2 class="headd3">SUBJECTS</h2>
      <label><strong class="empty1" style="padding: 60px;">18MAT11/21 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 62px;">18PHY12/22 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 62px;">18ELE13/23 -
</strong></label>
```

```
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 62px;">18CIV14/24 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18EGDL15/25 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18PHYL16/26 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 58px;">18ELEL17/27 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding:
18px;">18EGH18/28(ENGLISH) -</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset"  value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>
```

che.html

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
   <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span
class="color">CHEMISTRY</span> GROUP<br><span class="color">1st &
2nd</span> SEM</h1>
    <br><hr>
    <center>
      <h2 class="headd3">SUBJECTS</h2>
      <label><strong class="empty1" style="padding: 80px;">18MAT11/21 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 82px;">18CHE12/22 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 84px;">18CPS13/23 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 84px;">18ELN14/24 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 88px;">18ME15/25 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18CHEL16/26 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 88px;">18CPL17/27 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding:
42px;">18EGH18/28(ENGLISH) -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>

      <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
```

```
    <input class="buttonReset" name="reset" type="reset"  value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>
```

34sem.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span class="color">3rd & 4th
SEM</span><br>(ALL BRANCH)</h1>
    <br><hr>
    <center>
      <h2 class="headd4"><em>Enter the marks with respect to <span
class="subcode">subject code.</span></em></h2><br>
      <label><strong class="empty1"style="padding: 50px;">18MAT31/41 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 60px;">18**32/41 -
</strong></label>
```

```
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**33/43 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**34/44 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**35/45 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 60px;">18**36/46 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 55px;">18**L37/47 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 55px;">18**L38/48 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset"  value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>
```

5thsem.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
   <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span class="color">5th
SEM</span><br>(ALL BRANCH)</h1>
    <br><hr>
    <center>
      <h2 class="headd4"><em>Enter the marks with respect to <span
class="subcode">subject code.</span></em></h2><br>
      <label><strong class="empty1" style="padding: 100px;">18**51 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**52 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**53 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**54 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**55 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 100px;">18**56 -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18**L57 Lab -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1" style="padding: 80px;">18**L58 Lab -
</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
```

```
    <label><strong class="empty1" style="padding: 45px;">Environmental
Studies -</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset"  value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>
```

6thsem.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU SGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="S favicon.ico">
  </head>
  <body>
    <h1 class="headding">(2018 SCHEME) <span class="color">6th
SEM</span><br>(ALL BRANCH)</h1>
    <br><hr>
    <center>
      <h2 class="headd4"><em>Enter the marks with respect to <span
```

```
class="subcode">subject code.</span></em></h2><br>
    <label><strong class="empty1" style="padding: 100px;">18**61 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 100px;">18**62 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 100px;">18**63 -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 95px;">18**64* -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 95px;">18**65* -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 80px;">18**L66 Lab -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 80px;">18**L67 Lab -
</strong></label>
    <input type="number" name="SEM" value="number"><br><br>
    <label><strong class="empty1" style="padding: 38px;">18**MP68 Mini-
Project -</strong></label>
    <input type="number" name="SEM" value="number"><br><br>

    <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
    <input class="buttonReset" name="reset" type="reset"  value="Reset" />
    <br><br>
    <label><strong class="empty1">CGPA:</strong></label>
    <input type="" name="CGPA" value="" style="width: 50px">
    <label><strong class="empty1">Percentage:</strong></label>
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="cgpa.html"><span class=sgpa2>CGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
```

```
href="index.html">Home.</a></strong></p>
      </div>
      <br>
  </body>
</html>
```

cgpa.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU CGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
   <link rel="icon" href="C favicon.ico">
  </head>
  <body>
    <form action="cgpa_details" method="post">
    <h1 class="headding"><strong>VTU  <span class="sc"> CGPA</span>
<br>CALCULATOR</strong></h1>
    <br><br>
    <center>
    <hr><br><br>
    <a class=scheme2 href="calcgpa.html"><strong><span
class="year2">2018</span> <span
class="scheme3">SCHEME</span></strong></a>
    <br><br><br><br>
    <a class="sgpa1" href="sgpa.html"><span class=sgpa2>SGPA</span> <span
class="cal">Calculator</span></a>
    <br><br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
  </div>
  <br><br>
</form>
  </body>
</html>
```

calcgpa.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>VTU CGPA CALCULATOR</title>
    <link rel="stylesheet" href="cssp2/style.css">
   <link rel="icon" href="C favicon.ico">
  </head>
  <body>
    <h1 class="headding"><strong>(2018 SCHEME)<br>CGPA
CALCULATOR</strong></h1>
    <br><br>
    <hr>
    <center>
      <h2 class="headd3">Enter 0 for Semesters not completed</h2>
      <label><strong class="empty1">SEM 1 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 2 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 3 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 4 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 5 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 6 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 7 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>
      <label><strong class="empty1">SEM 8 -</strong></label>
      <input type="number" name="SEM" value="number"><br><br>

      <input class="buttonSubmit" type="button" name="calculate"
value="Calculate" />
      <input class="buttonReset" name="reset" type="reset"  value="Reset" />
      <br><br>
      <label><strong class="empty1">CGPA:</strong></label>
      <input type="" name="CGPA" value="" style="width: 50px">
      <label><strong class="empty1">Percentage:</strong></label>
```

```
    <input type="" name="Percentage" value="" style="width: 50px"><span
style="color: #fff">%</span><br><br>
    <br><br><br>
    <a class="sgpa1" href="sgpa.html"><span class=sgpa2>SGPA</span>
<span class="cal">Calculator</span></a>
    <br><br>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
    <br>
  </body>
</html>
```

about.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>AboutUs</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="A favicon.ico">
  </head>
  <body>
    <div class="topsection">
    <h1 class="headding">AboutUs</h1>
    <center>
    <p><strong>We the Students of Bachelor of Engineering have designed the
website to calculate VTU SGPA/CGPA grade.</strong></p>
    </center>
    <br>
    </div>
    <div class="middlesection">
      <br>
      <h2>Sunidhi Tavargeri</h2>
      <p>Bachelor of Engineering in Computer Science<br>
      sunidhitavargeri759@gmail.</p>
      <br>
      <h2>Srishti A Bulbule</h2>
      <p>Bachelor of Engineering in Computer Science<br>
```

```
    srishtiab01@gmail.</p>
    <br>
    <h2>Nandita D Nilange</h2>
    <p>Bachelor of Engineering in Electronics and Communication<br>
    nanditanilange@gmail.</p>
    <br>
    <br>
   </div>
  </body>
</html>
```

contact.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <title>Contact</title>
    <link rel="stylesheet" href="cssp2/style.css">
    <link rel="icon" href="C favicon.ico">
  </head>
  <body>

    <h1 class="headding">Contact</h1>
    <br><br>
    <p class="para">For any queries regarding the creation of the Site,
Advertisement or any other issues, Please feel free to contact Team-Techie or
mail us at <em><strong><span
class="name">sunidhitavargeri759@gmail.com</span> or <span
class="name">srishtiab01@gmail.com</span></strong></em></p>
    <br><br><br><br>
    <center>
    <div class="downside">
    <p><strong>Click here to <a class="homeword"
href="index.html">Home.</a></strong></p>
    </div>
  </body>
</html>
```

style.css

```
.nav-link1 {
  color: #fff;
  font-family: cursive;
}

.nav-link1:hover {
  text-decoration: none;
  color: #8CA1A5;
}

.navbar-nav > li > .dropdown-menu { background-color: #000000;}
.navbar-nav > li > .dropdown-menu a{ color: #fff;}
.navbar-nav > li > .dropdown-menu a:hover { color: #444941;}

.navbar-brand {
  height: 80px;
  width: 120px;
  padding-left: 50px;
}

.nav-item {
  margin-right: 40px;
}

body {
  background-image: url("../snapshots/cover-img.jpg");
  background-size: cover;
}

.headd2 {
  text-align: center;
  color: #F7F6F2;
  font-family: sans-serif;
  font-size: 20px;
}

.headding {
  color: #FFB319;
  font-family: 'Merriweather' , serif;
```

```
  font-size: 80px;
  font-weight: 600;
  text-align: center;
  padding-top: 80px;
  line-height: 1.5;
}

.headd3 {
  text-align: center;
  color: #CDBBA7;
  font-family: cursive;
  font-size: 30px;
  font-weight: 500;
}

hr {
  border-style: none;
  border-top-style: dotted;
  border-color: #A0937D;
  border-width: 5px;
  width: 5%;
  margin: 30px auto;
}

.sem {
  color: #FFB319;
  font-family: cursive;
  font-size: 40px;
  font-weight: 500;
}

.sc {
  color: #95DAC1;
}

.signup {
  color: #C67ACE;
  text-decoration: none;
  font-family: serif;
  font-size: 30px;
  padding-right: 50px;
```

```
}

.signup:hover {
  color: #FF6701;
  text-decoration: none;
}

.sgpa {
  color: #9EDE73;
  text-decoration: none;
  font-family: serif;
  font-size: 30px;
}

.sgpa:hover {
  color: #E3D18A;
  text-decoration: none;
}

.cgpa {
  color: #9EDE73;
  text-decoration: none;
  font-family: serif;
  font-size: 30px;
}

.cgpa:hover {
  color: #E3D18A;
  text-decoration: none;
}

.signpage {
  background: #fff;
  font-family: sans-serif;
  font-size: 20px;
  padding: 50px 50px 50px 50px;
  box-shadow: 1px 1px 2px rgba(0, 0, 0.125);
  margin: 20px auto;
  max-width: 300px;
  width: 100%;
}
```

```
.leftspace{
  padding-left: 0px;
  padding-right: 15px;
}

.space{
  padding-right: 10px;
}

input[type="text"] {
height: 20px;
width: 200px;
}

input[type="email"] {
height: 20px;
width: 200px;
}

.empty {
  padding-right: 15px;
}

.btn {
  background-color: #3D84B8;
  border: none;
  border-radius: 8px;
  color: white;
  font-family: sans-serif;
  font-size: 20px;
  padding: 10px 20px;
  text-decoration: none;
  margin: 4px 2px;
  cursor: pointer;
}

.downside {
  color: #fff;
  font-family: sans-serif;
  font-size:25px;
```

```
}

.homeword {
  color: #CDC733;
  text-decoration: none;
}

.homeword:hover {
  color: #FBACCC;
  text-decoration: none;
}

.year {
  color: #B5DEFF;
  font-family: 'Montserrat' , sans-serif;
  font-size: 40px;
  font-weight: 600;

}

.scheme {
  color: #F2BB7B;
  font-family: 'Montserrat' , sans-serif;
  font-size: 40px;
  font-weight: 600;
}

.h4 {
  color: #FFFEB7;
  font-family: cursive;
  margin-top: 0px;
}

.semester {
  text-decoration: none;
  box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;
  font-family: cursive;
  font-size: 20px;
  font-weight: 600;
  color: #F3EFCC;
  line-height: 1.5;
```

```
  cursor: pointer;
}

.cycle {
  color: #FD6F96;
  font-size: 15px;
}

.group {
  font-size: 15px;
}

.new {
  color: #FF2626;
}

.num {
  color: #6ECB63;
}

.scheme1 {
  color: #F6D167;
}

.scheme2 {
  text-decoration: none;
  box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;
  cursor: pointer;
  font-family: cursive;
  font-size: 40px;
  font-weight: 700;
}

.year2 {
  color: #F8485E;
}

.year2:hover {
  color:#FDD2BF;
}
```

```
.scheme3 {
  color: #0CECDD;
}

.scheme3:hover {
  color:#F2BB7B;
}

.sgpa1 {
  text-decoration: none;
  box-shadow: inset 0 0px 0 white, inset 0 -1px 0 #EFB7b7;
  cursor: pointer;
  font-family: cursive;
  font-size: 25px;
  font-weight: 600;
  color: #F6D167;
}

.sgpa1:hover {
  color:#38A3A5;
}

.para {
  color: #fff;
  font-family: 'Montserrat' , sans-serif;
  font-size: 18px;
  font-weight: 500;
  line-height: 2;
  padding: 0px 20px 0px 40px;
}

.name {
  font-family: cursive;
  color: #E63E6D;
  text-decoration: underline;
}

.topsection {
  background-color: #F0E5CF;
  color: #055052;
  font-family: cursive;
```

```
  font-size: 20px;
  line-height: 2;
  font-weight: 500;
  padding: 10px 20px 30px 30px;
}

.middlesection {
  color: #9DDAC6;
  text-align: center;
  font-family: cursive;
  font-size: 20px;
  font-weight: 500;
}

.empty1 {
  color: #fff;
  font-family: cursive;
}

.buttonSubmit {
  background-color: #4CAF50;
  border: none;
  color: #fff;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 18px;
  margin: 4px 2px;
}

.buttonReset {
  background-color: #FF2626;
  border: none;
  color: #fff;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 18px;
  margin: 4px 2px;
```

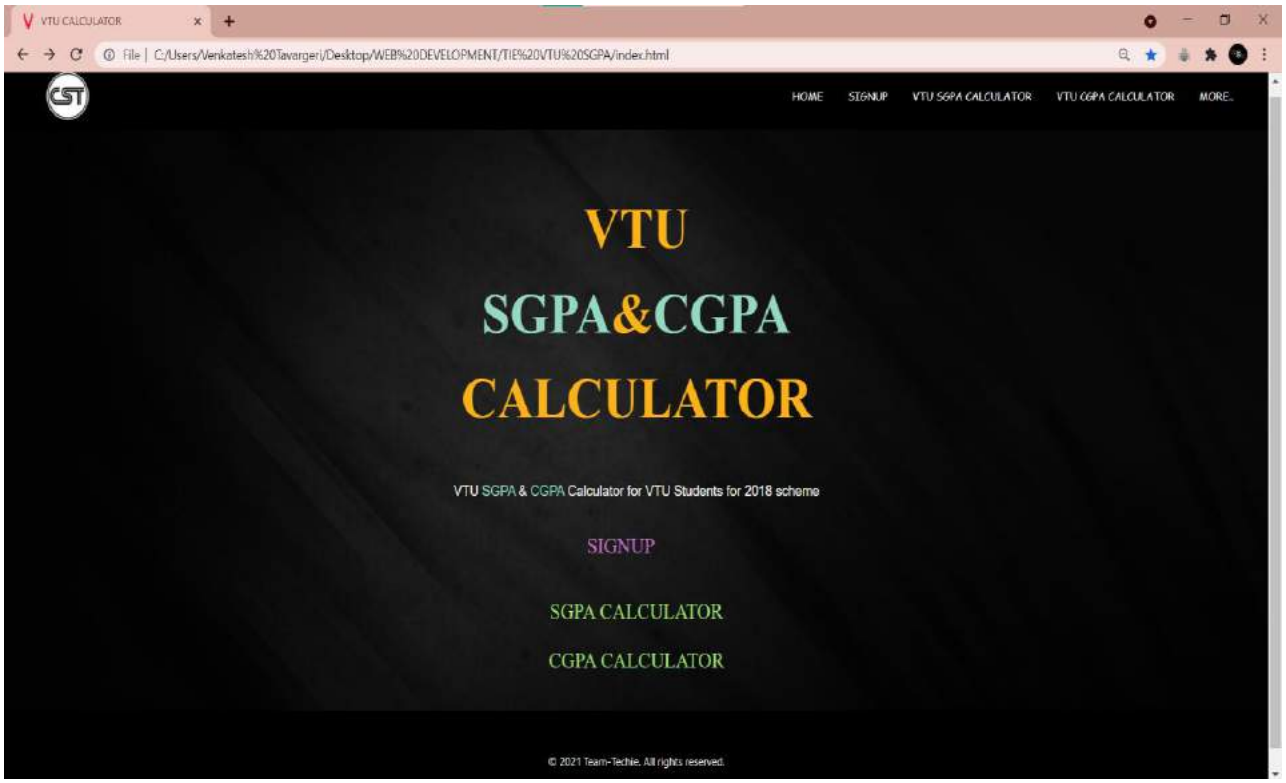
```
}

.color {
  color: #6ECB63;
}

.headd4 {
  font-size: 20px;
  color: #CDBBA7;
  font-family: cursive;
  text-decoration: underline;
}

.subcode {
  color: #6ECB63;
  text-decoration: underline;
}
.copyright {
  color: #F9F9F9;
  padding: 30px 0 20px;
}

.bottom-container {
  text-align: center;
  background-color: #000000;
  padding: 30px 0 10px 0;
}
```

details_entry.php

```
<?php
$server_name="localhost";
$username="root";
$usn="";
$database_name="signup2";

$conn=mysqli_connect($server_name,$username,$usn,$database_name);
if(!$conn)
{
  die("Connection Failed:" . mysqli_connect_error());
}
```

```
if(isset($_POST['save']))
{
  $name = $_POST['name'];
  $usn = $_POST['usn'];
  $email = $_POST['email'];

  $sql_query="INSERT INTO user_details (name,usn,email)
  VALUES ('$name','$usn','$email')";

  if (mysqli_query($conn, $sql_query))
  {
    echo "New Details Entry inserted successfully !";
  }
  else
  {
    echo "Error: " .$sql . "" . mysqli_error($conn);
  }
  mysqli_close($conn);
}
?>
```

SNAPSHOTS


VTU CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/index.html
HOME
SIGNUP
VTU SGPA CALCULATOR
VTU CGPA CALCULATOR
MORE..
VTU
SGPA&CGPA
CALCULATOR
VTU SGPA & CGPA Calculator for VTU Students for 2018 scheme
SIGNUP
SGPA CALCULATOR
CGPA CALCULATOR
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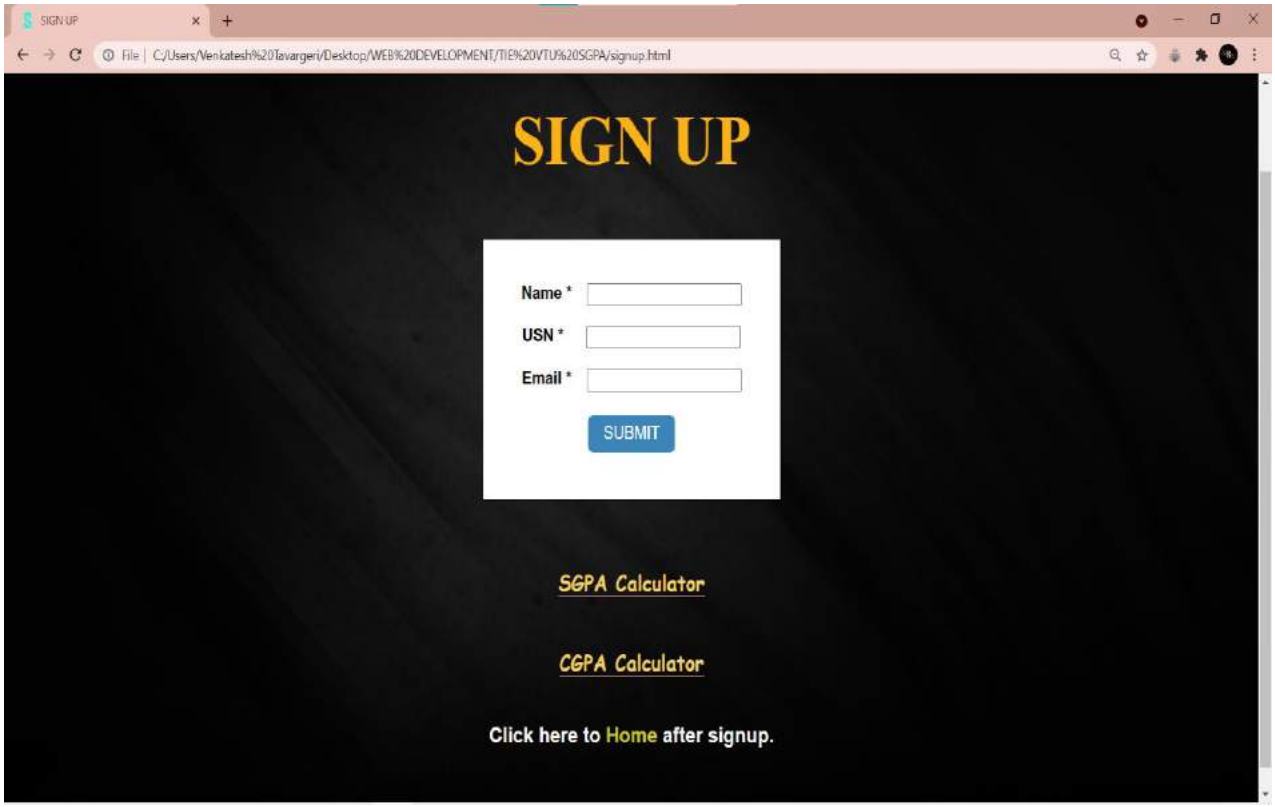
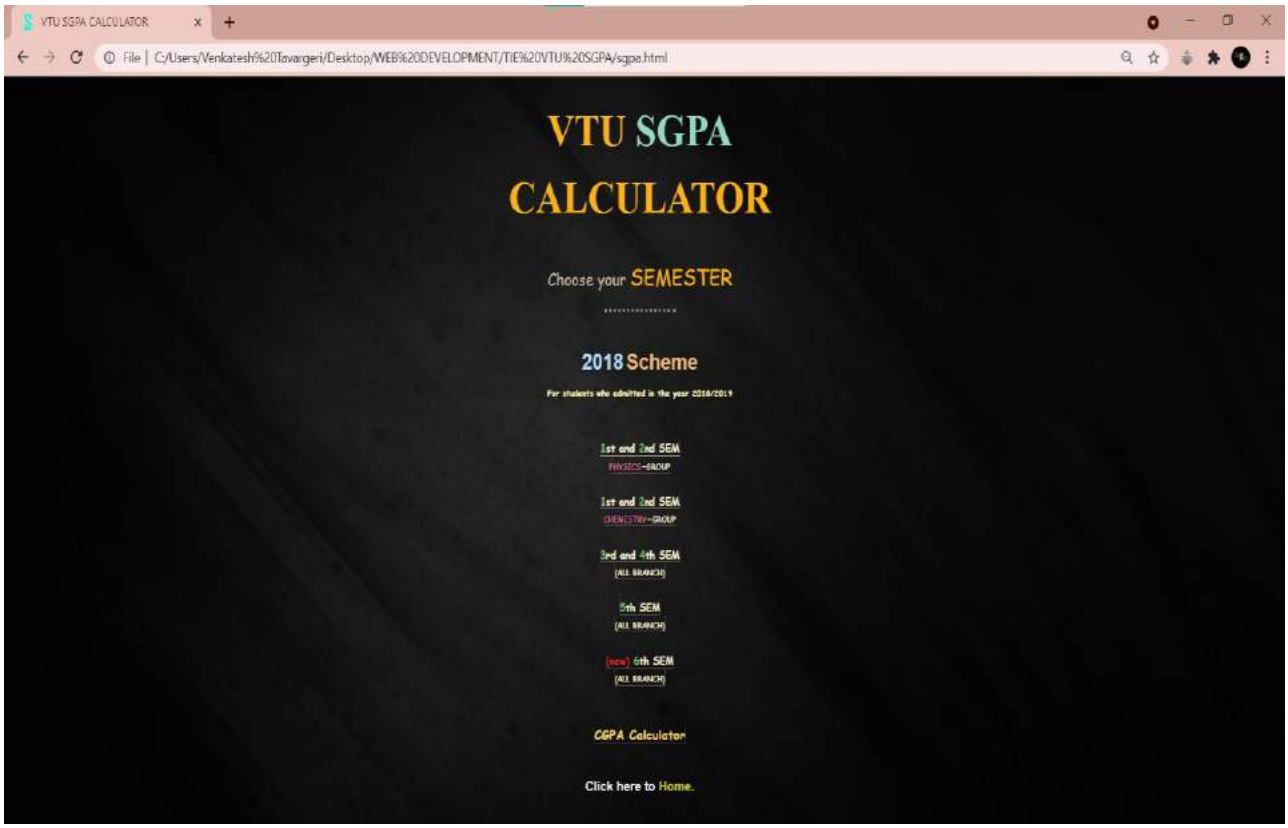
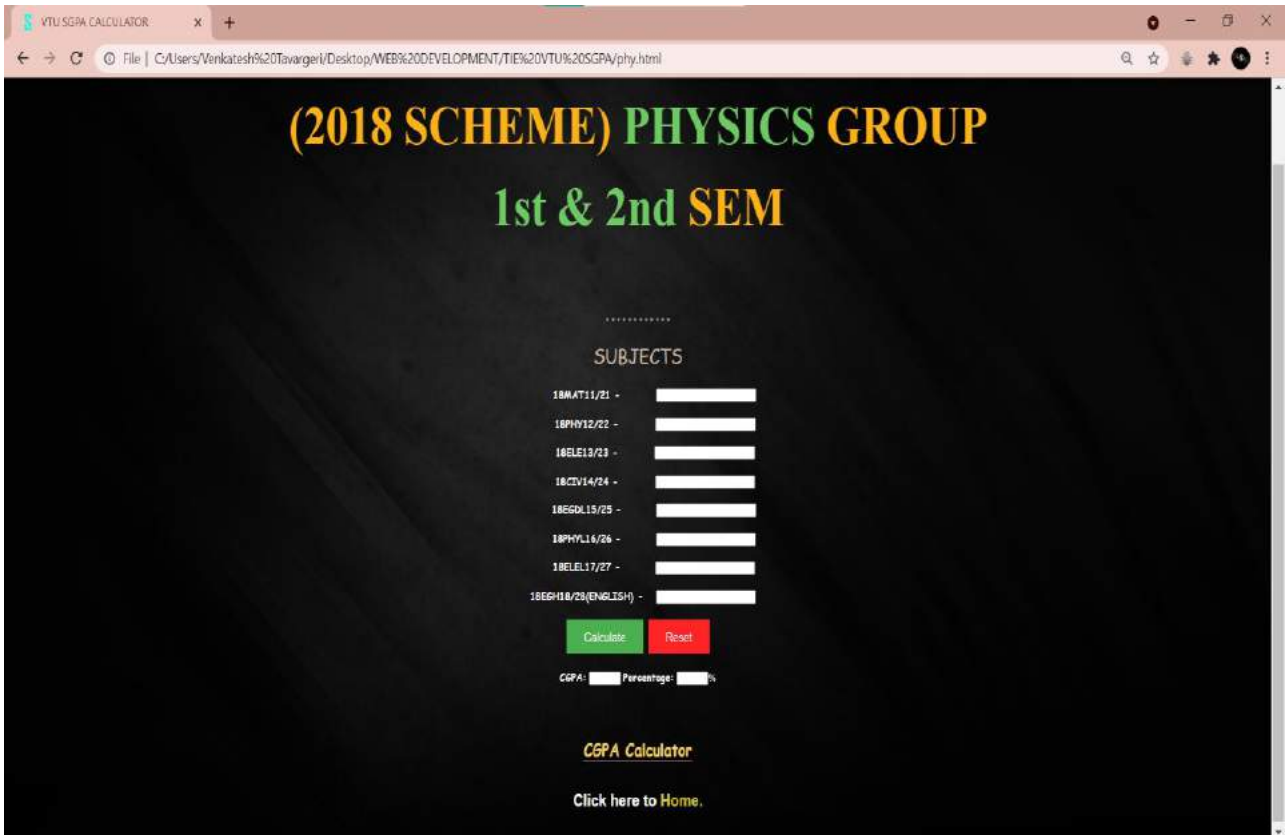
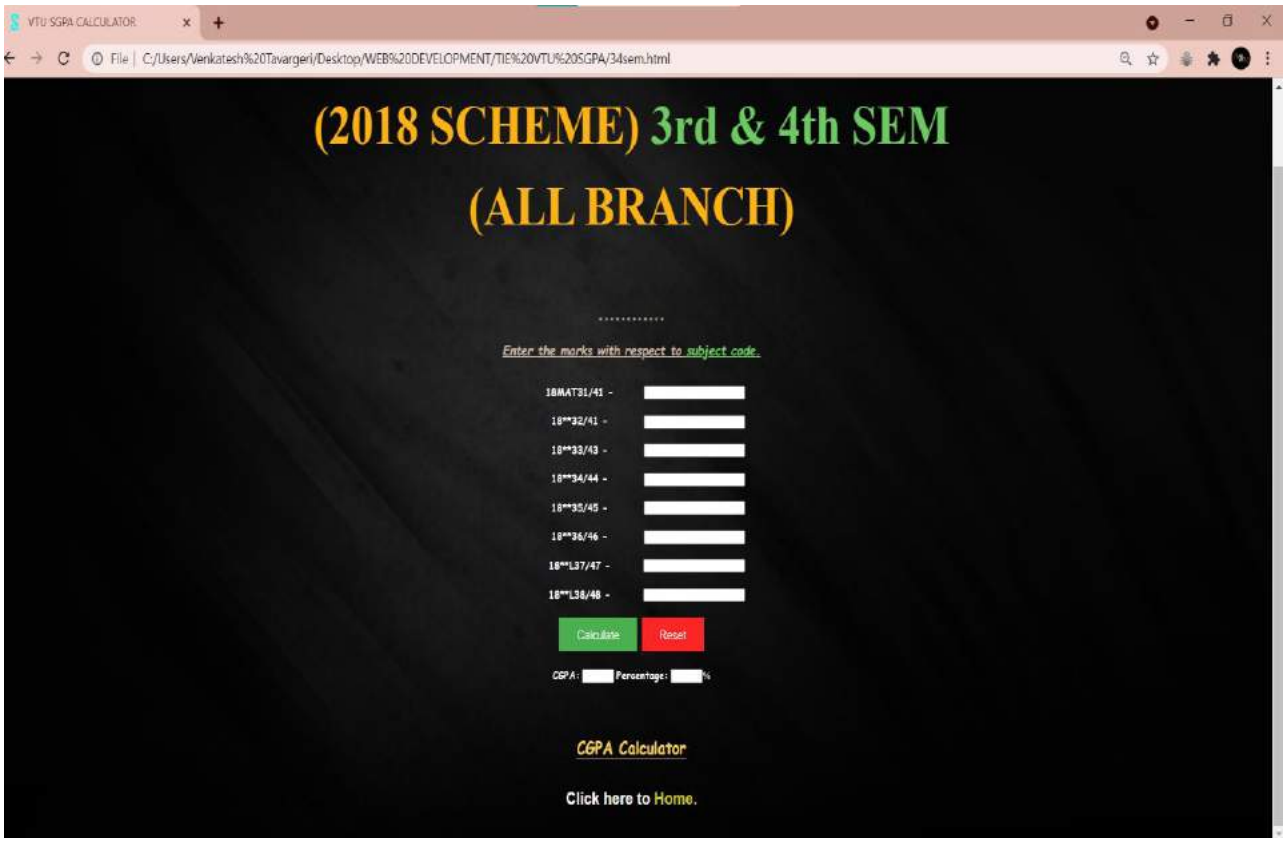
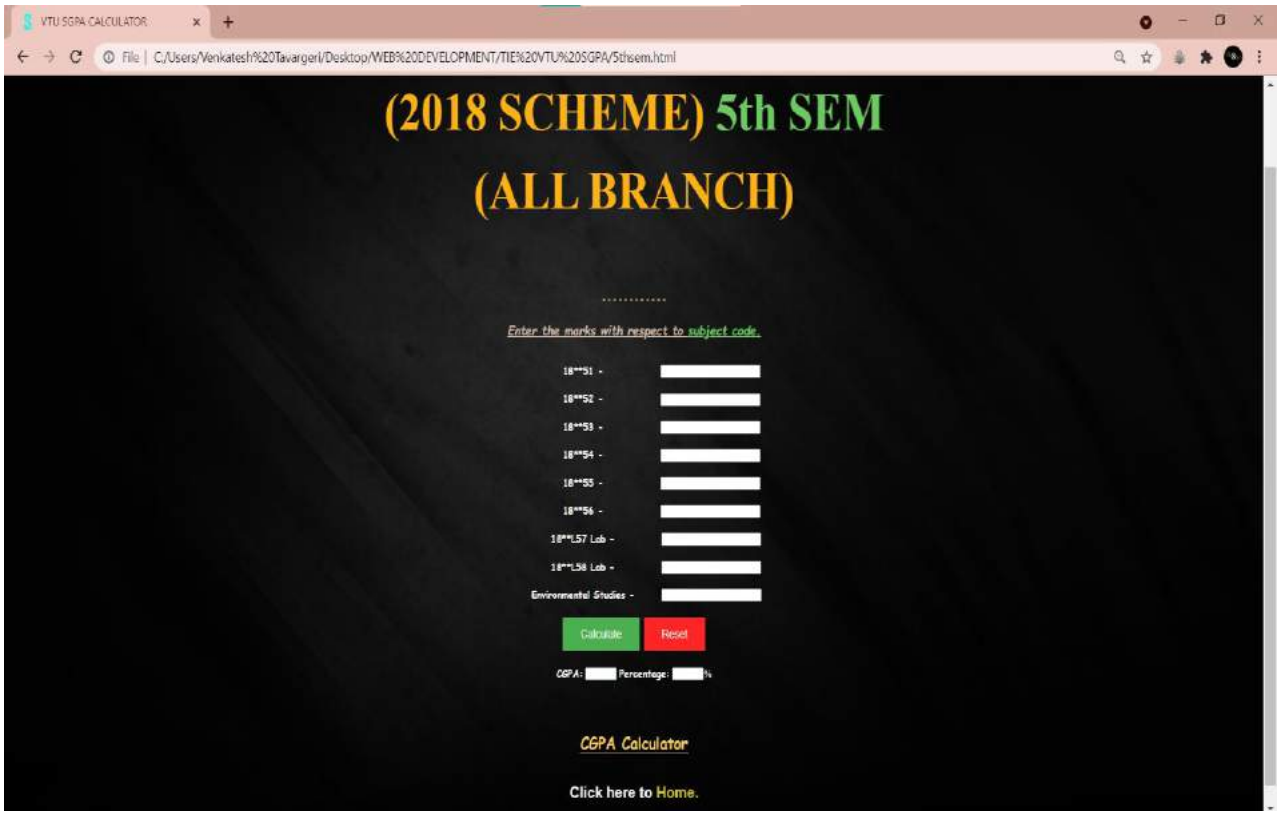

SIGN UP
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/signup.html
SIGN UP
Name *
USN *
Email *
SUBMIT
SGPA Calculator
CGPA Calculator
Click here to Home after signup.

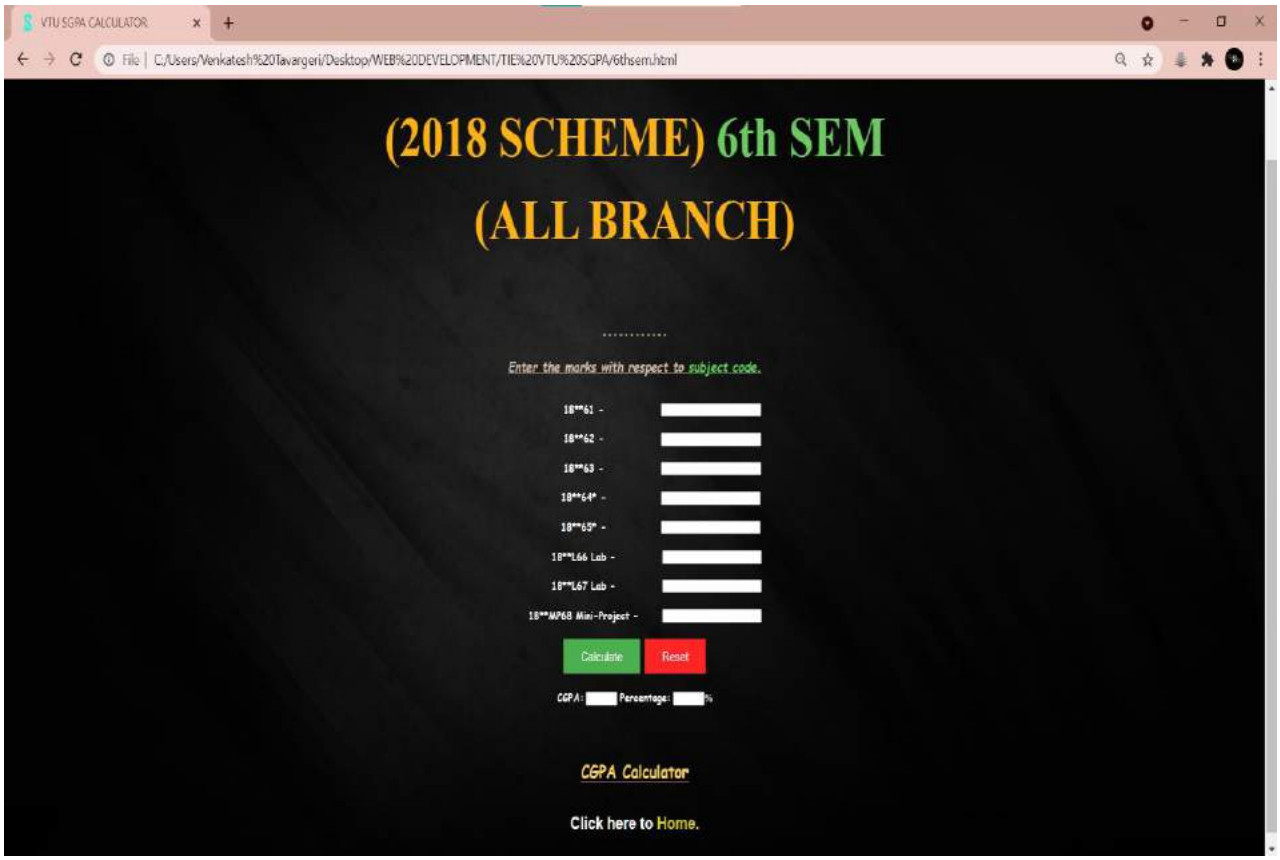

VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/sgpa.html
VTU SGPA
CALCULATOR
Choose your SEMESTER
2018 Scheme
For students who admitted in the year 2018/2019
1st and 2nd SEM
PHYSICS-GROUP
1st and 2nd SEM
CHEMISTRY-GROUP
3rd and 4th SEM
(ALL BRANCH)
5th SEM
(ALL BRANCH)
(new) 6th SEM
(ALL BRANCH)
CGPA Calculator
Click here to Home.

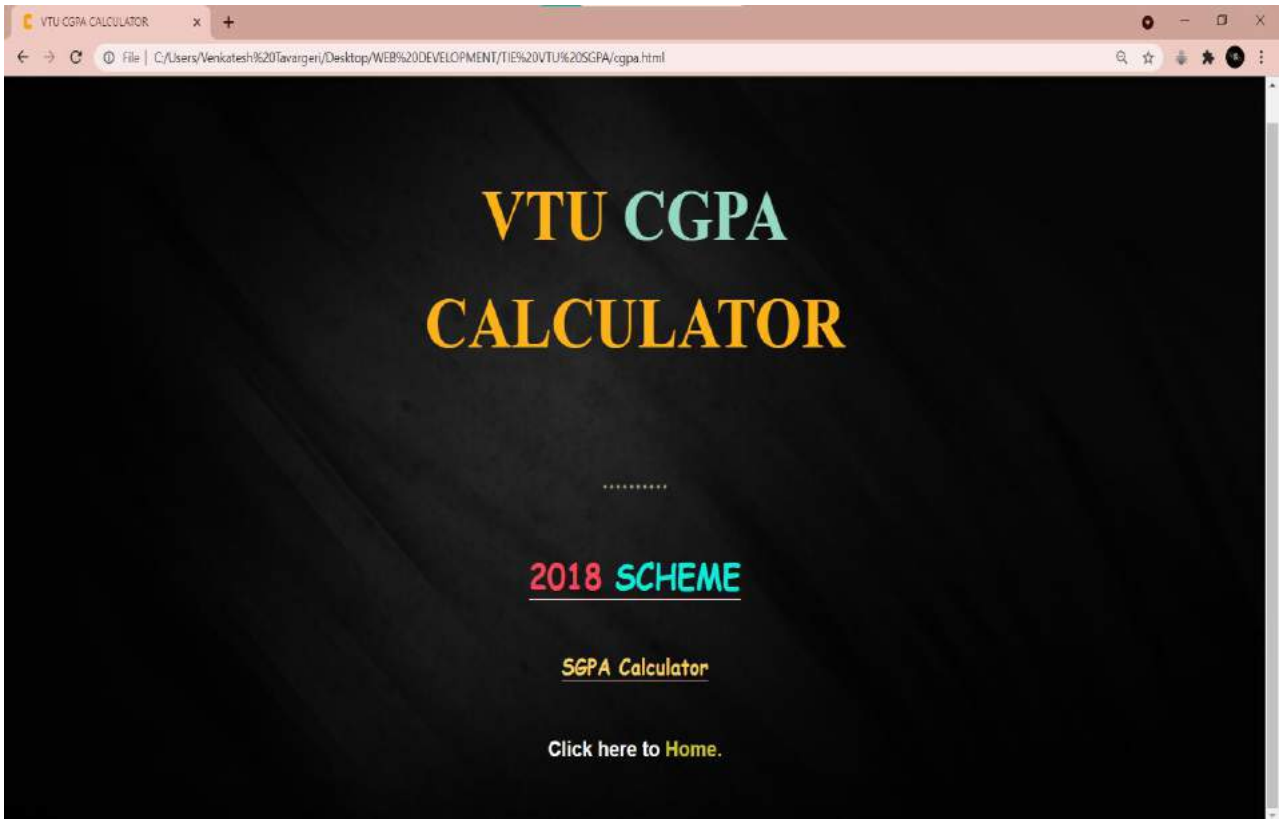

VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/phy.html
(2018 SCHEME) PHYSICS GROUP
1st & 2nd SEM
SUBJECTS
18MAT11/21 -
18PHY12/22 -
18ELE13/23 -
18CIV14/24 -
18EGDL15/25 -
18PHYL16/26 -
18ELEL17/27 -
18EGH18/28(ENGLISH) -
Calculate
Reset
CGPA: Percentage: %
CGPA Calculator
Click here to Home.

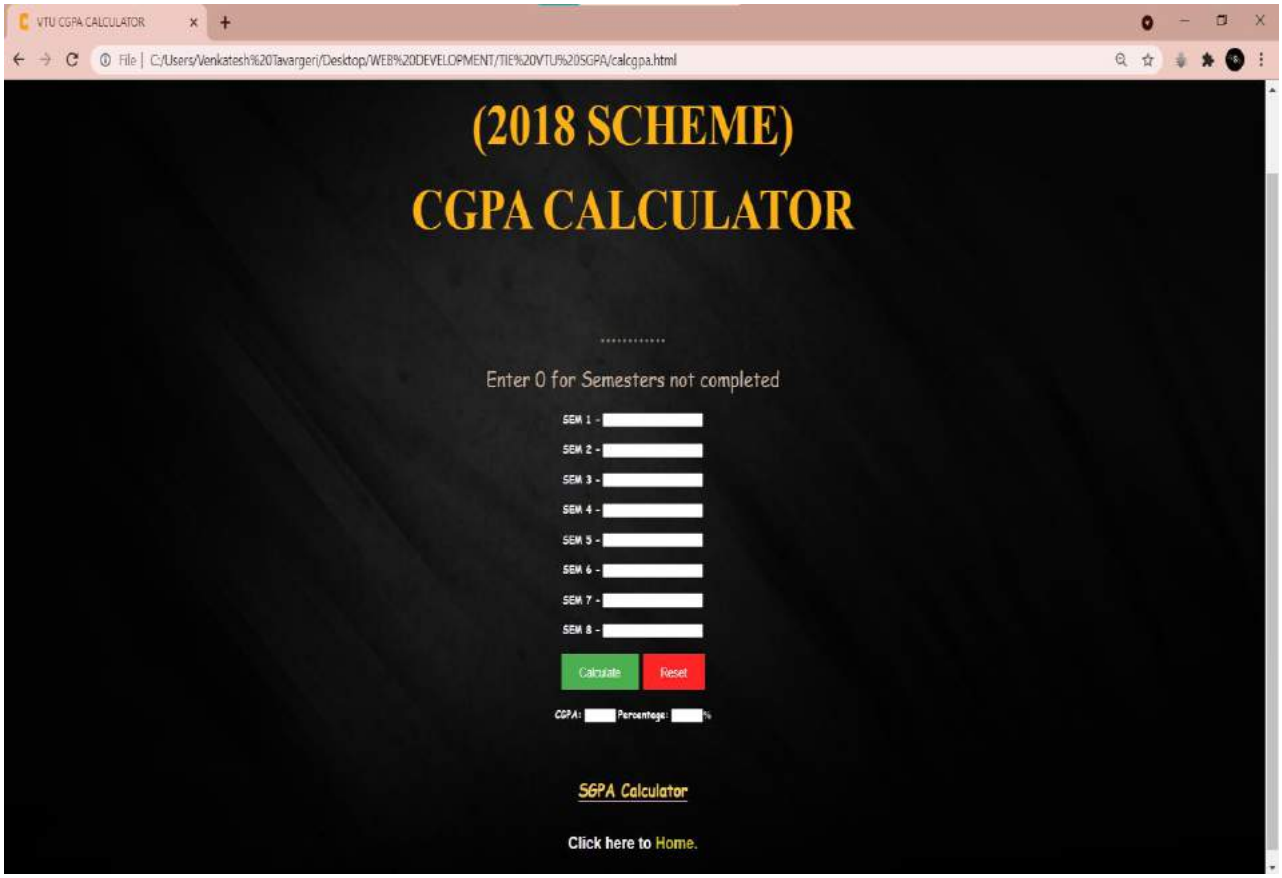
VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/che.html
(2018 SCHEME) CHEMISTRY GROUP
1st & 2nd SEM
SUBJECTS
18MAT11/21 -
18CHE12/22 -
18CPS13/23 -
18ELN14/24 -
18ME15/25 -
18CHEL16/26 -
18CPL17/27 -
18ENGH18/28(ENGLISH) -
Calculate
Reset
CGPA: Percentage: %
CGPA Calculator
Click here to Home.

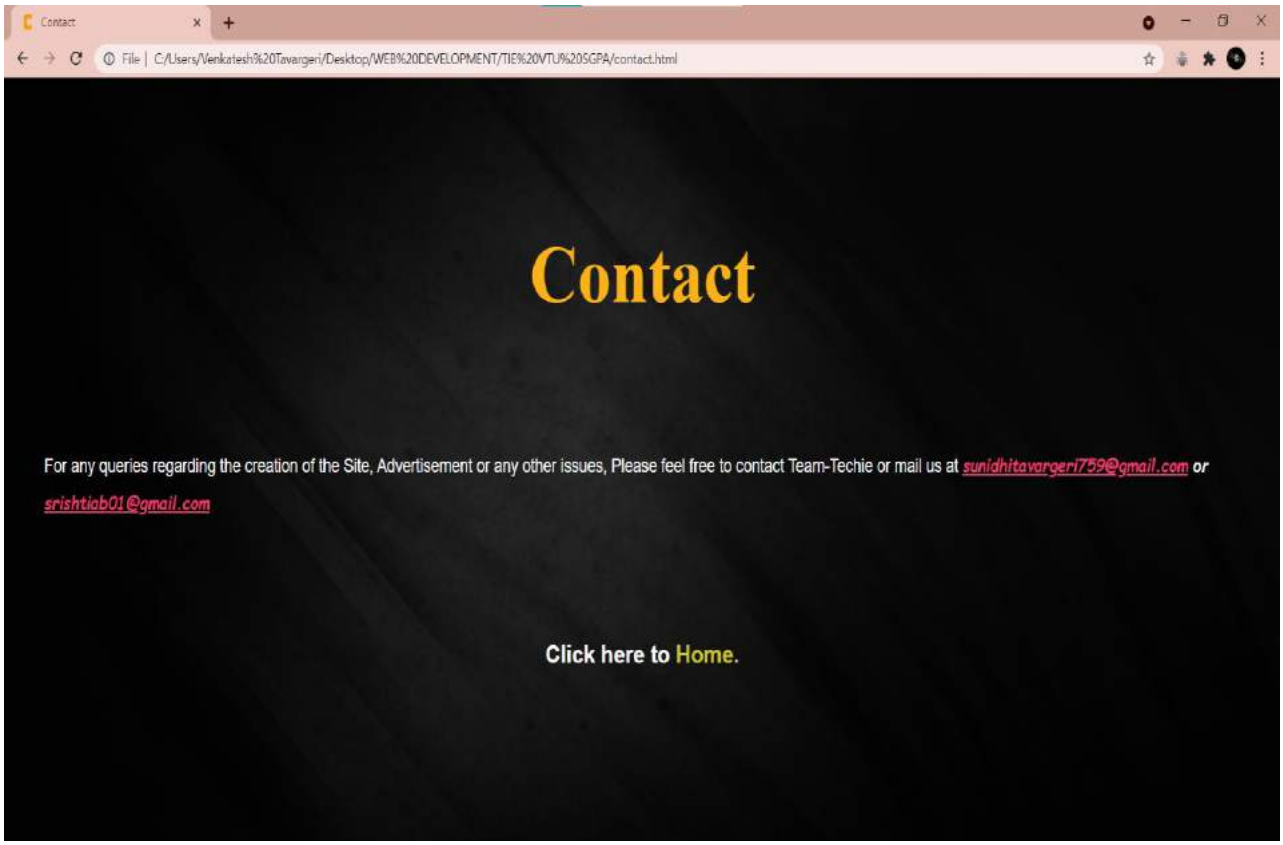

VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/34sem.html
(2018 SCHEME) 3rd & 4th SEM
(ALL BRANCH)
Enter the marks with respect to subject code.
18MAT31/41 -
18**32/41 -
18**33/43 -
18**34/44 -
18**35/45 -
18**36/46 -
18**L37/47 -
18**L38/48 -
Calculate
Reset
CGPA: Percentage: %
CGPA Calculator
Click here to Home.

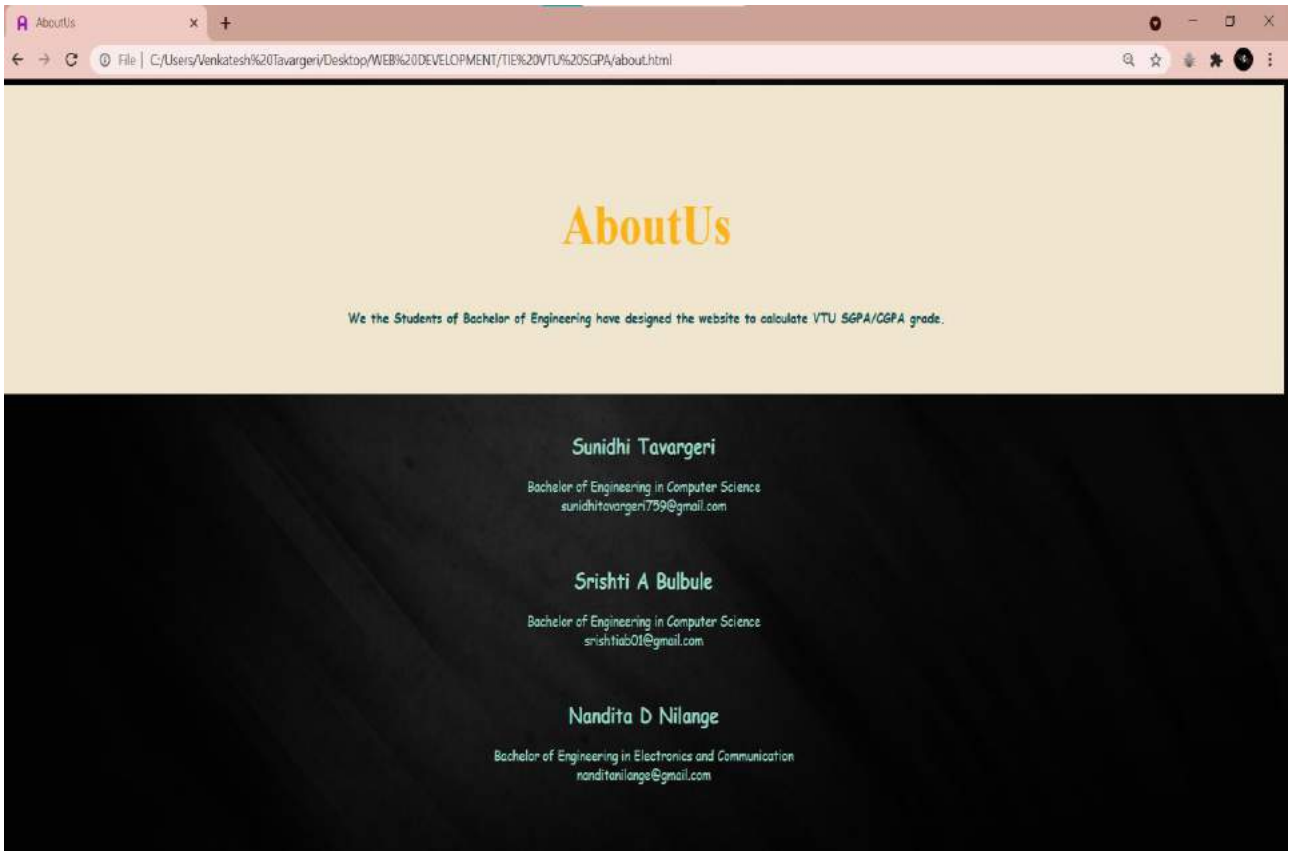

VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/5thsem.html
(2018 SCHEME) 5th SEM
(ALL BRANCH)
Enter the marks with respect to subject code.
18**51 -
18**52 -
18**53 -
18**54 -
18**55 -
18**56 -
18**L57 Lab -
18**L58 Lab -
Environmental Studies -
Calculate
Reset
CGPA: Percentage: %
CGPA Calculator
Click here to Home.


VTU SGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/6thsem.html
(2018 SCHEME) 6th SEM
(ALL BRANCH)
Enter the marks with respect to subject code.
18**61 -
18**62 -
18**63 -
18**64* -
18**65* -
18**L66 Lab -
18**L67 Lab -
18**MP68 Mini-Project -
Calculate
Reset
CGPA: Percentage: %
CGPA Calculator
Click here to Home.


VTU CGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/cgpa.html
VTU CGPA
CALCULATOR
2018 SCHEME
SGPA Calculator
Click here to Home.


VTU CGPA CALCULATOR
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/calcgpa.html
(2018 SCHEME)
CGPA CALCULATOR
Enter 0 for Semesters not completed
SEM 1 -
SEM 2 -
SEM 3 -
SEM 4 -
SEM 5 -
SEM 6 -
SEM 7 -
SEM 8 -
Calculate
Reset
CGPA:
Percentage:
%
SGPA Calculator
Click here to Home.


Contact
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/contact.html
Contact
For any queries regarding the creation of the Site, Advertisement or any other issues, Please feel free to contact Team-Techie or mail us at sunidhitavargeri759@gmail.com or srishtiab01@gmail.com
Click here to Home.


AboutUs
File | C:/Users/Venkatesh%20Tavargeri/Desktop/WEB%20DEVELOPMENT/TIE%20VTU%20SGPA/about.html
AboutUs
We the Students of Bachelor of Engineering have designed the website to calculate VTU SGPA/CGPA grade.
Sunidhi Tavargeri
Bachelor of Engineering in Computer Science
sunidhitavargeri759@gmail.com
Srishti A Bulbule
Bachelor of Engineering in Computer Science
srishtiab01@gmail.com
Nandita D Nilange
Bachelor of Engineering in Electronics and Communication
naditanilange@gmail.com

BIBILOGRAPHY

- https://www.w3schools.com/
- https://colorhunt.co/
- https://youtu.be/16wcGN1SKzo

ABOUT MY TEAM

- Website designed by,

Sunidhi Tavargeri

Srishti A Bulbule

Nandita D Nilange