Sinhgad Institutes

A Project Report
On

"College Website"

Under the guidance of

Prof. Pradeep Shitole

Submitted to

Department of Bachelor of Business Administration (Computer Application)

2024-2025

Savitribai Phule Pune University

Partial fulfillment of

T. Y. BBA(CA)

Submitted by **- LALIT D PATIL**

Roll No - 106

Sinhgad Institutes

STES

SINHGAD COLLEGE OF ARTS AND COMMERCE

WARJE, PUNE-411058 (Affiliated to University of Pune)

S. NO 111/1, Warje, Pune - 411058

CERTIFICATE

This is to certify that, **Mr. Lalit Devidas Patil** of **T. Y. BBA(CA)** has satisfactorily completed the project report titled "**College Website**" as laid down by the Savitribai Phule Pune University for the academic year 2024-2025.

He has worked under our guidance and direction. His work is found to be satisfactorily complete in all respect

T. Y. BBA(CA) SEM – 5th

Date : / /2024

Prof. Dr. Nandini Deshpande

(Principal) External Examiner

Prof .Dipashri Mokashi **Prof. Pradeep Shitole**

(Head of Department) (Project Guide)

DECLARATION

I hereby declare that the project titled "**College Website**" completed and written by me has not previously formed the basis for the award of any degree or diploma or other similar title of this or any other university or examining body.

Date: / / 2024

Place: Pune

Student Signature

ACKNOWLEDGEMENT

The making of a project requires the co-operation and contribution of a number of couples. I would like to take this opportunity to thanks everyone who helped us out in this venture. At this instance, we express own, deep sense of gratitude to Principal Dr. Nandini Deshpande, Sinhgad College of Arts and Commerce, Warje Pune for inspiring all the time.

We highly indebted to HOD for their kind help, talented and experienced guidance to the finalization of the project work and for providing all facilities concerned with project.

I elected to until our self of this opportunity to express our deep sense of gratitude and indebtedness to guide Prof. Pradeep Shitole, for their talented and inspiring guidance, constant persuasion, constructive criticism and encouragement throughout the course of this investigation.

As always, our parents have been around in memory for moral support and encouragement. They deserve special thanks for make believe me. Since to our parents who made me what we today.

I grateful to all who have helped directly or indirectly of this project.

- Lalit Devidas Patil

T. Y. BBA(CA)

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Introduction

The purpose of this project is to develop a [**College Website**], a comprehensive platform aimed at providing detailed information about our college. The website will serve as an essential tool for students, prospective students, and visitors to learn about various aspects of the college, such as faculty details, departments, campus locations, and contact information.

In today's fast-paced world, having an online presence is crucial for educational institutions to keep students informed and engaged. This website will provide easy access to important information such as college address, contact numbers, details of the Head of Departments (HODs), and faculty members. It will also offer insights into different facilities available on the campus, thus ensuring that all essential details are accessible in one centralized platform.

The website will be built using HTML, CSS, and JavaScript for the frontend, ensuring a user-friendly experience. The backend will be supported by MySQL and Node.js to store and manage all relevant data efficiently. Through this platform, the college aims to streamline the process of information dissemination, allowing students and other stakeholders to remain updated about various academic and administrative aspects of the institution.

Existing System

In the current scenario, there is limited or fragmented access to essential information regarding our college. Most of the information is spread across different sources like notice boards, printed brochures, or scattered across various platforms like the college's social media pages and offline channels. This decentralized system creates challenges for students, faculty, and visitors, such as:

1. **Lack of Centralized Information**: There is no single platform that provides all the necessary information about the college, including details on departments, faculty, campus facilities, contact information, and other academic resources.
2. **Manual Information Sharing**: Information about faculty, HODs, contact details, and events is often shared manually through notice boards or word-of-mouth, leading to inefficiencies and delays in communication.
3. **Difficulty in Reaching the Right Person**: Students, especially new or prospective ones, often find it difficult to know whom to contact for specific queries, such as departmental heads, administrative offices, or admission inquiries.
4. **Limited Access to Updates**: Students and visitors often miss out on important updates related to college events, academic schedules, and departmental announcements due to a lack of a central online system.
5. **No Online Access to Department Information**: Currently, there is no online platform where students or prospective students can access information about different departments, the Head of Departments (HODs), and faculty members in one place.

The existing system’s reliance on manual processes and fragmented information distribution creates inconvenience for students and the college administration alike. Hence, there is a need for an efficient, user-friendly online platform to centralize all college-related information and make it easily accessible.

Scope of Work

The scope of this project involves the creation of a comprehensive college website that will serve as a central platform for students, faculty, and visitors to access all relevant information about the college. The website will address the limitations of the existing system by offering the following features:

1. Centralized Information Hub: The website will consolidate all information about the college, including details about the various departments, faculty members, Heads of Departments (HODs), administrative staff, campus facilities, and contact details. This will make it easier for students and visitors to access accurate and up-to-date information.
2. Faculty Information: A dedicated section will be provided for each department, showcasing the profiles of faculty members, including their qualifications, areas of expertise, contact details, and office hours. This will help students identify the right faculty or HOD to contact for specific academic or administrative needs.
3. College Information and Contact Details: The website will provide the college's complete address, including the campus map, directions, and contact numbers for key offices, enabling students and visitors to reach the college easily. It will also feature information about nearby places of interest, accommodations, and transportation options.
4. Event and Notice Updates: A notice board section will be added to keep students informed about the latest college events, academic schedules, exam timetables, and important announcements. This will help students stay updated on all ongoing and upcoming college activities.
5. Student Resources: The platform will include resources for students, such as downloadable forms, syllabi, examination notices, and academic materials, enhancing student engagement and simplifying access to important documents.
6. User-Friendly Interface: The website will feature a simple and intuitive user interface that allows easy navigation for all users, whether students, faculty, or visitors. It will be accessible on both desktop and mobile devices, ensuring widespread usability.
7. Feedback and Queries: A dedicated contact form will be available for students, parents, and visitors to submit queries, requests for information, or feedback. These submissions will be directed to the appropriate department for timely responses.

Hardware and Software Requirement

Server Side

Minimum Hardware Requirement

Processor	1.60GHz
RAM	4 GB
Hard Disk	10 GB

Minimum Software Requirement

Front End	HTML, CSS, JS
Back End	Node JS , Mysql
Opeating System	Windows 10 Any Compatible OS
Web Server	

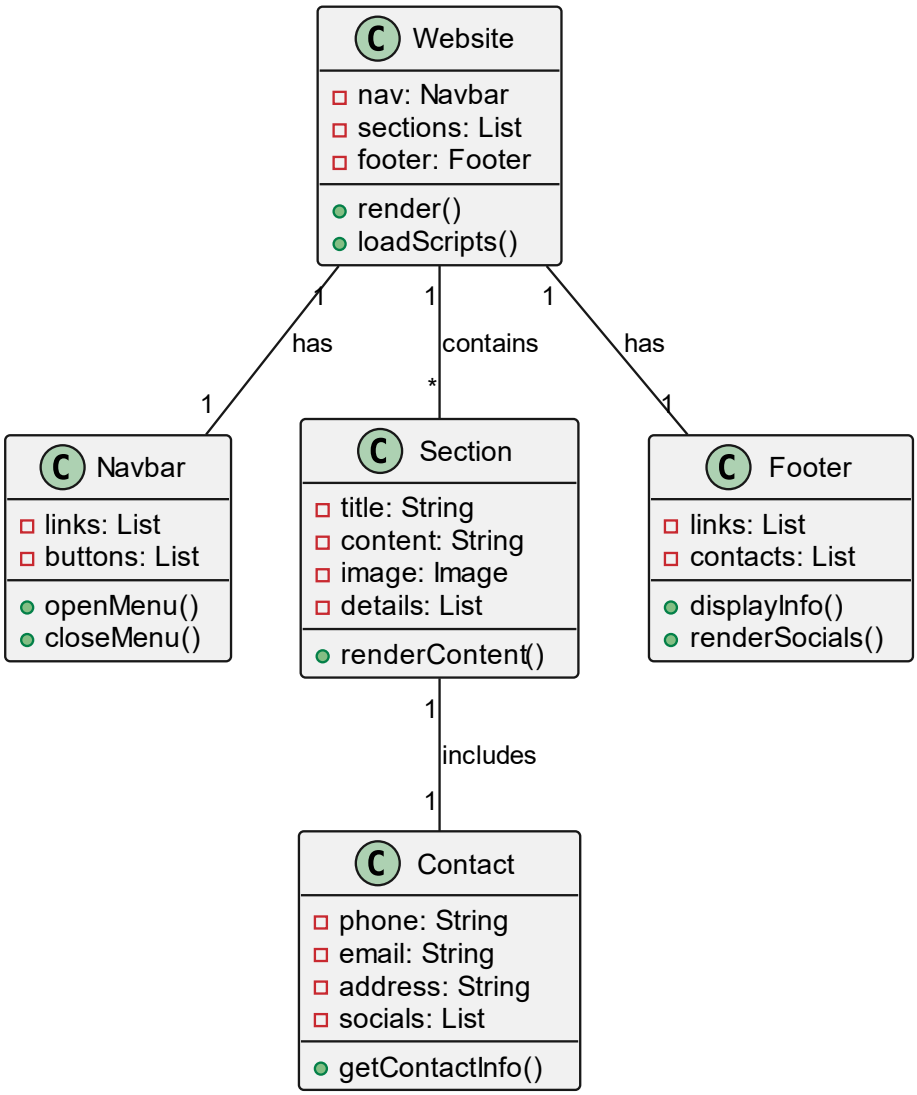
Clientside

Minimum Hardware Requirement

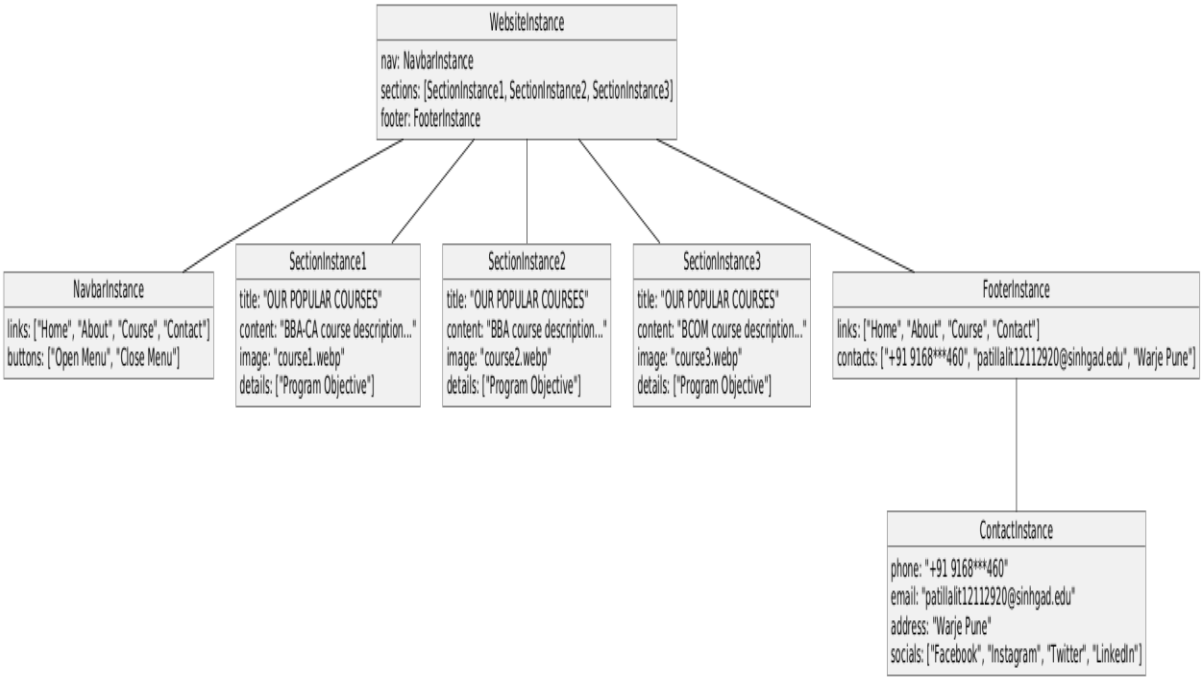
Processor	1.60GHz
RAM	4GB
Hard Disk	40GB
Operating System	Windows 10 or Any Compatible Operating System
Browser	Google Chrome Or Any Compatible browser

Design

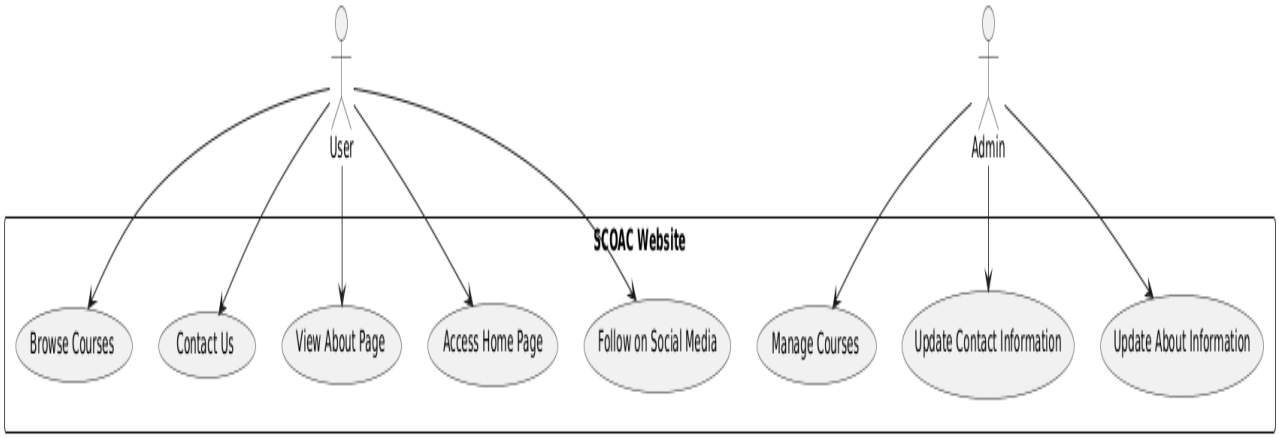
Class Diagram



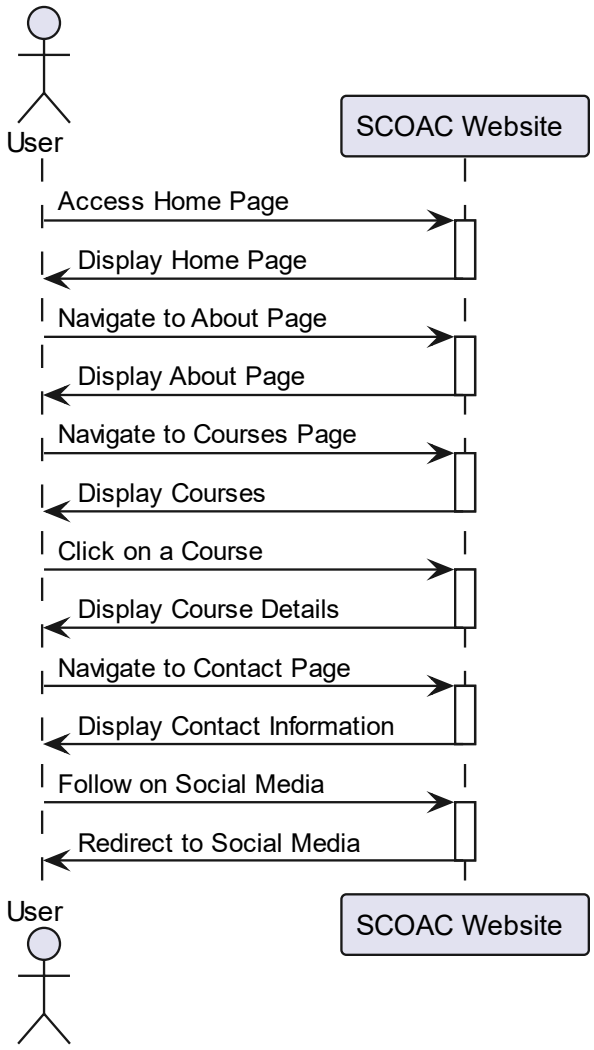
Object Diagram



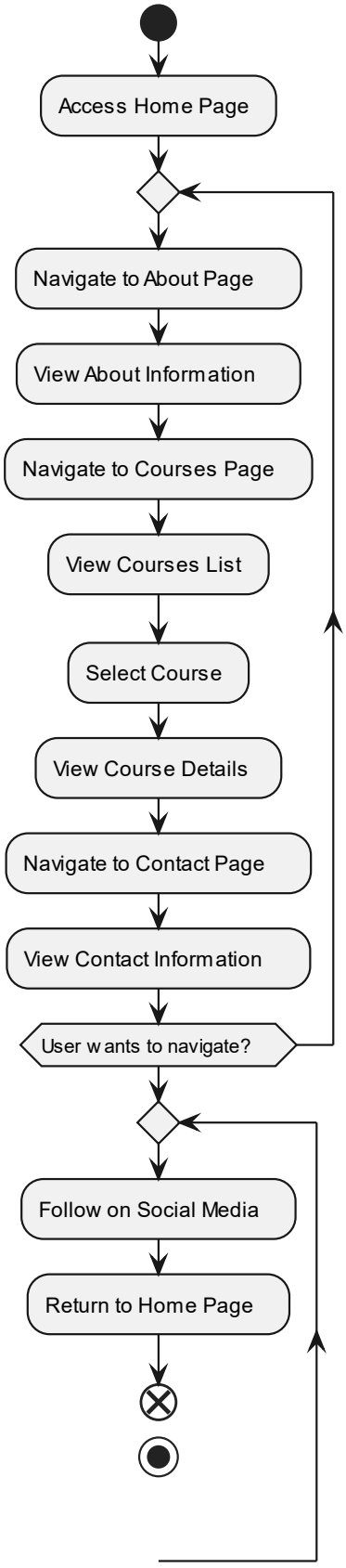
Use Case Diagram



Sequence Diagram



Activity Diagram



Source Code

HTML

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>SCOAC</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.5.1/css/all.min.css">
    <link rel="stylesheet" href="style.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Montserrat:ital@0;1&display=swap" rel="stylesheet">
    <!--swiper JS-->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.css" />
<body>
    <nav>
        <div class="container nav_container">
            <a href="index.html">
                <h4>SCOAC</h4>
            </a>
            <ul class="nav_menu">
                <li><a href="index.html">Home</a></li>
                <li><a href="about.html">About</a></li>
                <li><a href="course.html">Course</a></li>
                <li><a href="contact.html">Contact</a></li>
            </ul>
            <button id="open-menu-btn"><i class="fa-solid fa-bars"></i></button>
```

```
        <button id="close-menu-btn"><i class="fa-solid fa-xmark"></i></button>
      </div>
    </nav>
    <!--===============end of navbar-->
    <header>
      <div class="container header_container">
        <div class="header_left">
          <h1>SINHGAD COLLEGE OF ARTS & COMMERCE</h1>
          <p>Sinhgad College of Arts and Commerce popularly known as SCOAC, has always strived for excellence in
            academics and complementing co-curricular learning that meets student expectations. All our efforts
            .</p>
          <a href="admission.html" class="btn btn-primary">ADMISSIONS</a>
        </div>
        <div class="header_right">
          <div class="header_right-image">
            <img src="./images/RMD STIC.jpeg" alt="SCOAC">
          </div>
        </div>
      </div>
    </header>
    <!--header END-->
    <section class="categories">
      <div class="container categories_container">
        <div class="categories_left">
          <h2>SINHGAD INSTITUTES</h2>
          <p>
            Sinhgad College in Pune is a renowned educational
            institution offering diverse academic programs and
            fostering holistic development. It is recognized for its
            quality education, state-of-the-art facilities, and commitment
            to excellence</p>
```

```
            <a href="http://www.sinhgad.edu/" class="btn">KNOWN ABOUT SINHGAD
</a>
        </div>
        <div class="categories_right">
            <article class="category">
                <!-- <span class="category_icon"><i class="fa-brands fa-bitcoin"></i></span> -
->
                <h5><a href="index.html"> SINHGAD COLLEGE OF ARTS,SCIENCE &
COMMERCE</h5></a>
                <h6> SR.COLLEGE WARJE</h6>

                <small>Contact:+91-7391076414</small>
                <!-- <p>SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE WARJE
PUNE
                    JR.COLLEGE AMBEGAON  Contact:+91-20-2410-0171</p>  -->
            </article>
            <article class="category">
                <!-- <span class="category_icon"><i class="fa-brands fa-bitcoin"></i></span> -
->
                <h5><a
                    href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-
pages/SCOAC_Jr/Principals_Desk.html">
                    SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE</h5></a>
                <h6> JR.COLLEGE WARJE</h6>
                <small>Contact:+91-7391076414</small>
                <!-- <p>SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE WARJE
PUNE
                    JR.COLLEGE AMBEGAON  Contact:+91-20-2410-0171</p>  -->
            </article>
            <article class="category">
                <h5><a
                    href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-
pages/SCOS_Jr/Principals_Desk.html">
                    SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE</h5></a>
                <h6> SR.COLLEGE KONDHWA</h6>
```

```
            <small>Contact:+91-20-24100171</small>
          </article>
          <article class="category">
            <h5><a
                href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-pages/SCOC_Sr/Principals_Desk.html">
                SINHGAD COLLEGE OF COMMERCE</h5></a>
            <h6> SR.COLLEGE AMBEGAON </h6>
            <small>Contact:+91-20-24100171</small>
          </article>
          <article class="category">
            <h5><a
                href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-pages/NBNCOC/Principals_Desk.html">
                BABAJI NAVALE COLLEGE
                OF COMMERCE AND SCIENCE</h5></a>
            <h6> SR.COLLEGE LONAVALA</h6>
            <small>Contact:+91-02114-304412</small>
          </article>
          <article class="category">
            <h5><a
                href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-pages/SKNCC/Principals_desk.html">
                KASHIBAI NAVALE COLLEGE OF COMMERCE</h5></a>
            <h6> SR.COLLEGE ERANDWANE</h6>
            <small>Contact:+91-20-2543-4315</small>
          </article>
        </div>
      </div>
    </section>
    <!--END OF CATEGEROIES-->
    <section class="courses">
      <h2>OUR POPULAR COURSES</h2>
```

```
<div class="container courses_container">
    <article class="course">
        <div class="course_image">
            <img src="./images/course1" alt="SCOAC">
        </div>
        <div class="course_info">
            <h4>BBA-CA</h4>
            <p>Bachelor of Business Administration in Computer Applications (BBA-CA) is a three-year,
                full-time undergraduate program that combines computer
                education with business administration. The program is designed to
                prepare students for IT careers and to teach them about
                computer applications, software development, programming languages.</p>
            <a href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-pages/SCOAC_Sr/pdf/Learning_Outcomes_of_BBA-CA.pdf"
                class="btn btn-primary">Program Objective</a>
        </div>
    </article>
    <article class="course">
        <div class="course_image">
            <img src="./images/course2.webp" alt="SCOAC">
        </div>
        <div class="course_info">
            <h4>BBA</h4>
            <p>BBA is a program that focuses on the overall aspects
                of business administration. It provides students with
                a broad understanding of various business functions and
                equips them with skills
                necessary for effective management and leadership roles
            </p>
            <a href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-pages/SCOAC_Sr/pdf/Learning_Outcomes_of_BBA.pdf"
                class="btn btn-primary">Program Objective</a>
```

```
            </div>
          </article>
          <article class="course">
            <div class="course_image">
              <img src="./images/course3.webp" alt="SCOAC">
            </div>
            <div class="course_info">
              <h4>BCOM</h4>
              <p>B.Com is an undergraduate academic degree awarded for a
                course or program in Commerce. The duration of the
                B.Com course is 3 years in India, divided into six
                distinct semesters. The B.Com courses list includes
                Marketing, accounting, entrepreneurship,
                various taxation and industrial laws etc.
              </p>
              <a href="http://www.sinhgad.edu/sinhgad-institutes-ACS/college-
pages/SCOAC_Sr/pdf/Learning_Outcomes_of_B_Com.pdf"
                class="btn btn-primary">Program Objective</a>
            </div>
          </article>
        </div>
      </section>
      <!--END OF Courses-->
      <section class="faqs">
        <h2> DEPARTMENT HODs</h2>
        <div class="container faqs_container">
          <article class="faq">
            <div class="faq_icon"><i class="fa-solid fa-plus"></i></div>
            <div class="question_Answer">
              <h4>BBA_CA DEPT</h4>
              <p>
                Prof.Dipashri Mokashi
```

```
            <br>
            (HOD OF-BBA-CA)
            <br>
            dipashri.mokashi@sinhgad.edu
        </p>
        </p>
    </div>
</article>
<article class="faq">
    <div class="faq_icon"><i class="fa-solid fa-plus"></i></div>
    <div class="question_Answer">
        <h4>BBA DEPT</h4>
        <p>
            Dr. Nusrat Khan
            <br>
            (HOD OF-BBA)
            <br>
            nusrat.khan@sinhgad.edu
    </div>
</article>
<article class="faq">
    <div class="faq_icon"><i class="fa-solid fa-plus"></i></div>
    <div class="question_Answer">
        <h4>BCOM DEPT</h4>
        <p>
            Dr. Raju Shravasti
            <br>
            (HOD OF-BCOM)
            <br>
            prof.rajurkamble@sinhgad.edu
    </div>
</article>
```

```
        <article class="faq">
            <div class="faq_icon"><i class="fa-solid fa-plus"></i></div>
            <div class="question_Answer">
                <h4>MCOM DEPT</h4>
                <p>
                    Dr. Raju Shravasti
                    <br>
                    (HOD OF-MCOM)
                    <br>
                    prof.rajurkamble@sinhgad.edu
                </p> </p>  </p>  </p>   </div>
        </article>
    </div>
</section>
<!--END OF FAQ-->
<section class="container testimonials_container mySwiper">
    <h2>Our Placements</h2>
    <div class="swiper-wrapper">
        <article class="testimonial swiper-slide">
            <div class="avatar">
                <img src="/images/S1.png">
            </div>
            <div class="testimonial_info">
                <h5>AAROHI PATIL</h5>
                <small>FULL STACK DEVELOPER</small>
                <br>
                <small>@Google</small>
            </div>
            <div class="testimonial_body">
                <p>
                    Full-stack development with our comprehensive course covering front-end technologies like HTML,
```

CSS, JavaScript, and popular frameworks like React. Dive into back-end development with

languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in

building complete web applications from scratch, preparing you for versatile roles in the tech

industry. Master the skills needed to develop and deploy fully functional web solutions.

</article>

<article class="testimonial swiper-slide">

<img src="/images/S1.png">

<h5>Abhijit Sawant</h5>

<small>Front-End Developer</small>

<small>@TCS</small>

Full-stack development with our comprehensive course covering front-end technologies like HTML,

CSS, JavaScript, and popular frameworks like React. Dive into back-end development with

languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in

building complete web applications from scratch, preparing you for versatile roles in the tech

industry. Master the skills needed to develop and deploy fully functional web solutions.

```
</article>
<article class="testimonial swiper-slide">
  <div class="avatar">
    <img src="/images/S1.png">
  </div>
  <div class="testimonial_info">
    <h5> PATIL</h5>
    <small>FULL STACK DEVELOPER</small>
    <br>
    <small>@TCS</small>
  </div>
  <div class="testimonial_body">
    <p>
      Full-stack development with our comprehensive course covering front-end technologies like HTML,
      CSS, JavaScript, and popular frameworks like React. Dive into back-end development with
      languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in
      building complete web applications from scratch, preparing you for versatile roles in the tech
      industry. Master the skills needed to develop and deploy fully functional web solutions.
    </p>
  </div>
</article>
<article class="testimonial swiper-slide">
  <div class="avatar">
    <img src="/images/S1.png">
  </div>
  <div class="testimonial_info">
    <h5>AAROHI PATIL</h5>
    <small>FULL STACK DEVELOPER</small>
    <br>
```

```
            <small>@TCS</small>
        </div>
        <div class="testimonial_body">
            <p>
                Full-stack development with our comprehensive course covering front-end technologies like HTML,
                CSS, JavaScript, and popular frameworks like React. Dive into back-end development with
                languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in
                building complete web applications from scratch, preparing you for versatile roles in the tech
                industry. Master the skills needed to develop and deploy fully functional web solutions.
            </p>
        </div>
    </article>
    <article class="testimonial swiper-slide">
        <div class="avatar">
            <img src="/images/S1.png">
        </div>
        <div class="testimonial_info">
            <h5>AAROHI PATIL</h5>
            <small>FULL STACK DEVELOPER</small>  <br>
            <small>@TCS</small>  </div>
        <div class="testimonial_body">
            <p>
                Full-stack development with our comprehensive course covering front-end technologies like HTML,
                CSS, JavaScript, and popular frameworks like React. Dive into back-end development with
                languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in
                building complete web applications from scratch, preparing you for versatile roles in the tech
```

```
                industry. Master the skills needed to develop and deploy fully functional web
solutions.
            </p></div>    </article>  </div>
      <div class="swiper-pagination"></div>
   </section>
   <!--END OF TESMonial-->
   <!--Footer-->
  <footer>
      <div class="container footer_container">
         <div class="footer_1">
            <a href="index.html" class="footer_logo">
               <h4>SCOAC</h4>  </a>
            <p>STES'S<br>
               SINHGAD COLLEGE OF ARTS AND COMMERCE (Affiliated to Savitribai
Phule Pune University & Recognized by
               Govt. of Maharashtra)..</p>
         </div>
         <div class="footer_2">
            <h4>Permalinks</h4>
            <ul class="permalinks">
               <li><a href="index.html">Home</a></li>
               <li><a href="about.html">About</a></li>
               <li><a href="course.html">Course</a></li>
               <li><a href="contact.html">Contact</a></li>
            </ul>
         </div>
         <div class="footer_3">
            <h4>Important links</h4>
            <ul class="permalinks">
               <li><a
                     href="http://www.sinhgad.edu/sinhgadInstitutes-2013/Inner-
pages/SinhgadInstitutes_Mandatory.html">Mandatory
                     Disclosure</a></li>
```

```
<li><a href="http://www.sinhgad.edu/Event/Disclaimer.pdf">Disclaimer</a></li>  <li><a
                    href="http://www.sinhgad.edu/sinhgadInstitutes-2013/Inner-pages/SinhgadInstitutes-Campuses.html">Campuses</a>
                </li>  <li><a
                    href="http://www.sinhgad.edu/sinhgadInstitutes-2013/Inner-pages/SinhgadInstitutes_Event_Archive.html">Event
                    Archive</a></li>
                <li><a href="#">Placements</a></li>
                <li><a href="#">Careers</a></li>
                <li><a href="#">Student Info Login</a></li>
              </ul>  </div>
            <div class="footer_4">
              <h4>Contact us</h4>
              <ul class="permalinks">
                <div>
                  <p>+9198606**234</p>
                  <p>principal_scoac@sinhgad.edu</p>
                  <br>
                  © 2024
                  Smt. Kashibai Navale College of Commerce 19/15, Smt Khilare Marg, Off Karve Road, Erandwane,
                  Pune.
                  +91 20 25431001.
                </div>
                <ul class="footer_socials">      <li>
                    <a href="#"><i class="fa-brands fa-facebook"></i></a>
                  </li>  <li>
                    <a href="#"><i class="fa-brands fa-instagram"></i></a>
                  </li><li>
                    <a href="#"><i class="fa-brands fa-twitter"></i></a>
                  </li>
                  <li><a href="#"><i class="fa-brands fa-linkedin"></i></a>
                  </li>   </ul></div> </ul>   </ul>  </div> </div>
```

```
        </div>
        <div class="footer_copyright">
            <h4>All rights reserved By PATIL's</h4>
        </div>
    </footer>
    <script src="https://cdn.jsdelivr.net/npm/swiper@11/swiper-bundle.min.js"></script>
    <script src="main.js"></script>
    <script>
        var swiper = new Swiper(".mySwiper", {
            slidesPerView: 1,
            spaceBetween: 30,
            pagination: {
                el: ".swiper-pagination",
                clickable: true,
            },
            //when window width is >= 600px
            breakpoints: {
                600: {
                    slidesPerView: 2
                }
            }
        });
    </script>
</body>
</html>
```

Back End

Node Js

```
const express = require('express');
const mysql = require('mysql2');
const bodyParser = require('body-parser');
const cors = require('cors');
const path = require('path');
const fs = require('fs');
const PDFDocument = require('pdfkit');
const app = express();
app.use(cors());
app.use(bodyParser.json());
app.use(bodyParser.urlencoded({ extended: true }));
const db = mysql.createConnection({
    host: 'localhost',
    user: 'LALIT PATIL',
    password: 'l_patil__',
    database: 'admission_db'
});
db.connect((err) => {
    if (err) {
        console.error('MySQL connection error:', err);
        throw err;
    }
    console.log('MySQL Connected...');
});
app.post('/admission', (req, res) => {
    const { fullName, email, phone, dob, gender, address, course, prevEdu } = req.body;
    if (!fullName || !email || !phone || !dob || !gender || !address || !course || !prevEdu) {
        console.error('Missing form fields:', req.body);
        return res.status(400).json({ message: 'Please fill in all required fields.' });
```

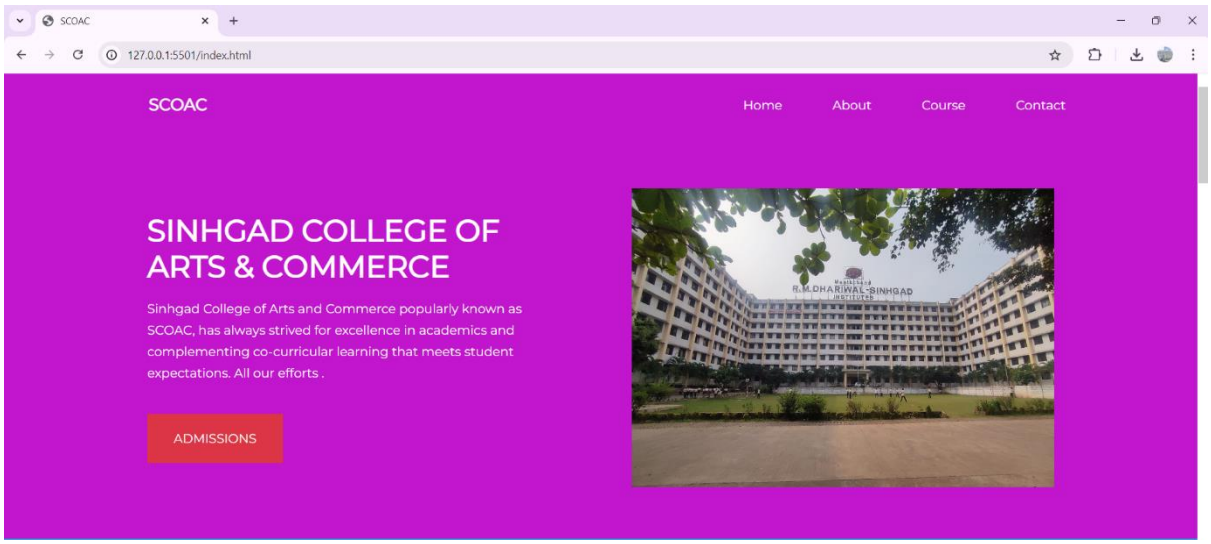
```
    const sql = `
        INSERT INTO admissions
        (fullName, email, phone, dob, gender, address, course, prevEdu)
        VALUES (?, ?, ?, ?, ?, ?, ?, ?)
    `;
    db.query(sql, [fullName, email, phone, dob, gender, address, course, prevEdu], (err, result)
=> {
        if (err) {
            console.error('Error inserting data into MySQL:', err);
            return res.status(500).json({ message: 'Error submitting form' });
        }
        const pdfDoc = new PDFDocument();
        const pdfFileName = `admission_form_${result.insertId}.pdf`;
        const pdfPath = path.join(__dirname, 'generated', pdfFileName);
        const writeStream = fs.createWriteStream(pdfPath);
        pdfDoc.pipe(writeStream);
        pdfDoc.fontSize(25).text('Admission Form', { align: 'center' });
        pdfDoc.moveDown();
        pdfDoc.fontSize(12).text(`Full Name: ${fullName}`);
        pdfDoc.text(`Email: ${email}`);
        pdfDoc.text(`Phone: ${phone}`);
        pdfDoc.text(`Date of Birth: ${dob}`);
        pdfDoc.text(`Gender: ${gender}`);
        pdfDoc.text(`Address: ${address}`);
        pdfDoc.text(`Course: ${course}`);
        pdfDoc.text(`Previous Education: ${prevEdu}`);
        pdfDoc.end();
        writeStream.on('finish', () => {
            console.log(`PDF created successfully: ${pdfPath}`);
            res.status(200).json({
                message: 'Form submitted successfully',
                pdfFilePath: pdfFileName // Return just the filename for the download link
```

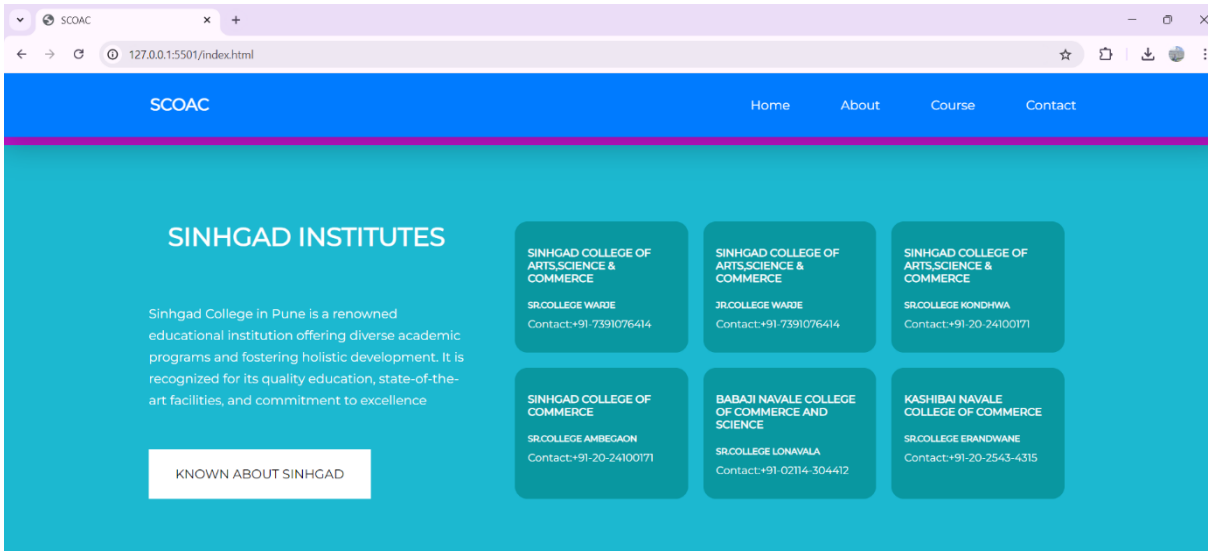
```
            });
        });
    });
});
app.get('/download/:file', (req, res) => {
    const file = path.join(__dirname, 'generated', req.params.file);
    res.download(file, (err) => {
        if (err) {
            console.error('Error downloading file:', err);
            return res.status(500).json({ message: 'Error downloading file' });
        }
    });
});
const PORT = process.env.PORT || 3006;
app.listen(PORT, () => {
    console.log(`Server running on port ${PORT}`);
});
```

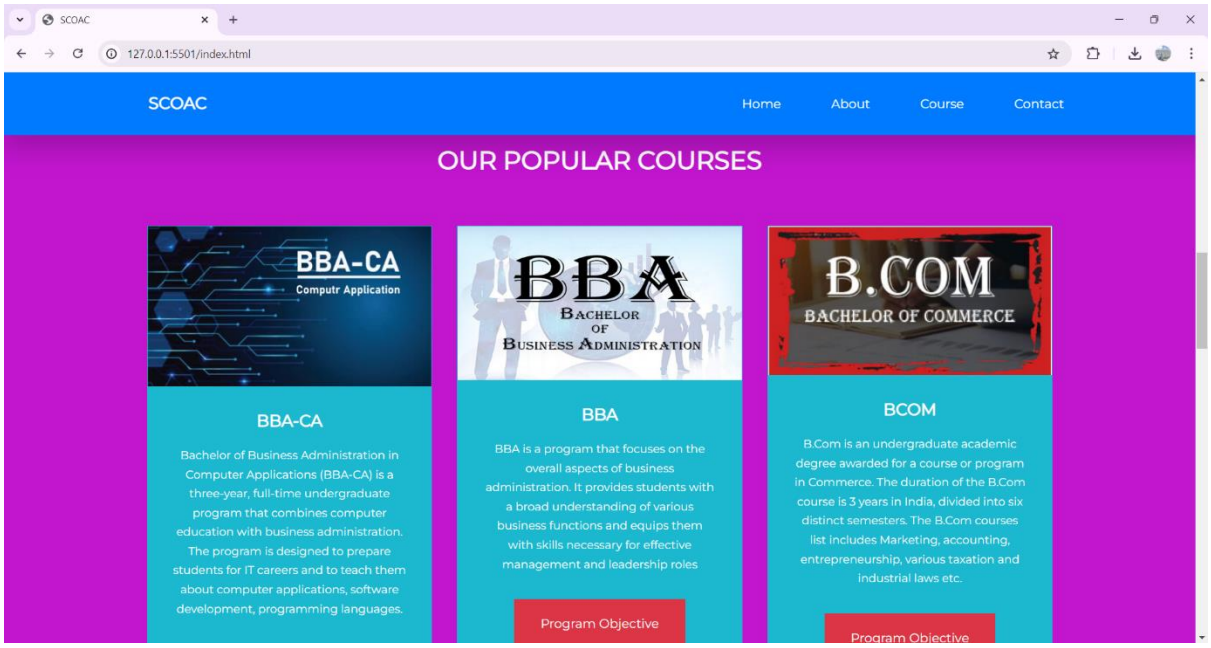
Database Design

Id	Field Name	Datatype	Attribute	Contain
1	Id	INT	PK, NN, AI	Unique identifier for each user (Primary Key, Not Null, Auto Increment)
2	fullname	VARCHAR(100)	NN	Full name of the user
3	email	VARCHAR(45)	NN, UQ	User's email address (Not Null, Unique)
4	phone	VARCHAR(15)	NULL	User's phone number
5	dob	DATE	NULL	User's date of birth
6	gender	VARCHAR(20)	NULL	User's gender
7	address	TEXT	NULL	User's address
8	course	VARCHAR(45)	NULL	User’s Course
9	campus	VARCHAR(150)	NULL	User’s Choose Campus
10	prevEdu	VARCHAR(100)	NULL	User’s Previous Education

Output Design



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127.0.0.1:5501/index.html
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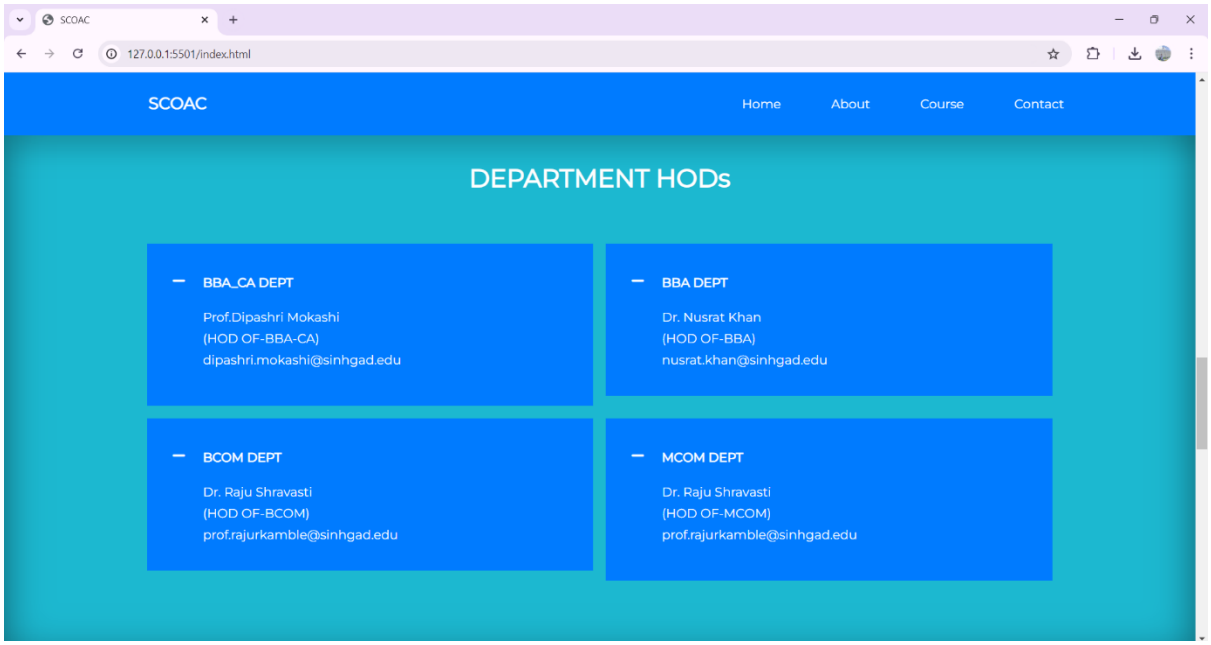
OUR POPULAR COURSES
BBA-CA
Computr Application
BBA-CA
Bachelor of Business Administration in Computer Applications (BBA-CA) is a three-year, full-time undergraduate program that combines computer education with business administration. The program is designed to prepare students for IT careers and to teach them about computer applications, software development, programming languages.
BBA
Bachelor of Business Administration
BBA
BBA is a program that focuses on the overall aspects of business administration. It provides students with a broad understanding of various business functions and equips them with skills necessary for effective management and leadership roles
Program Objective
B.COM
BACHELOR OF COMMERCE
BCOM
B.Com is an undergraduate academic degree awarded for a course or program in Commerce. The duration of the B.Com course is 3 years in India, divided into six distinct semesters. The B.Com courses list includes Marketing, accounting, entrepreneurship, various taxation and industrial laws etc.
Program Objective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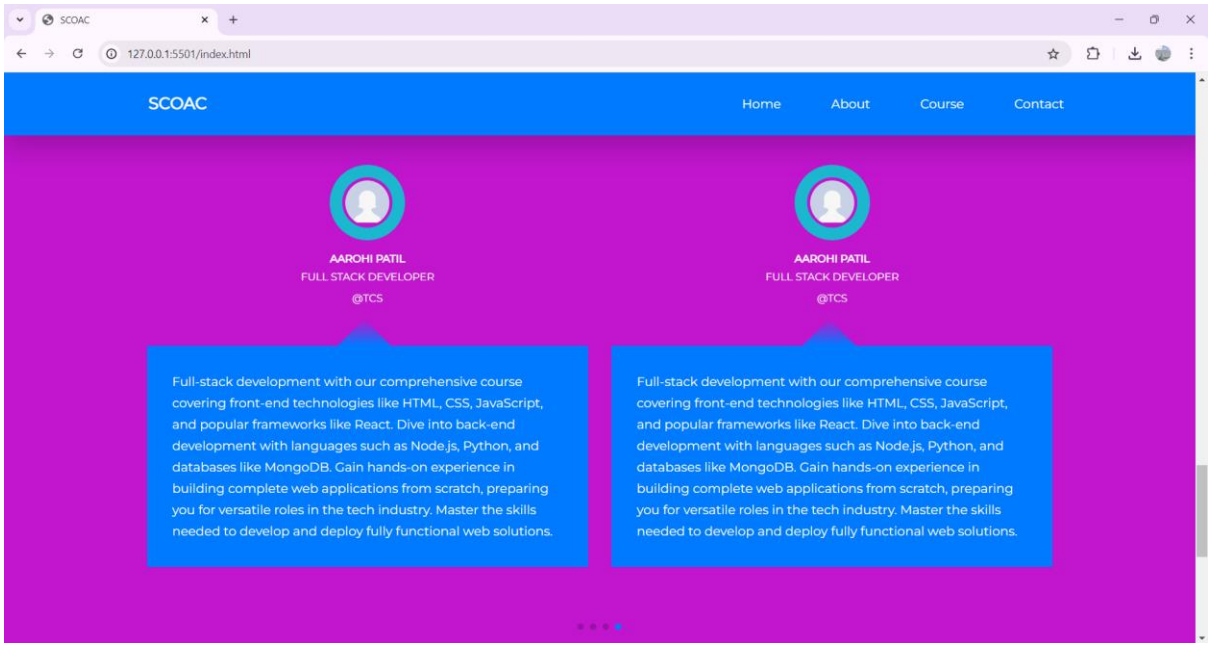
nusrat.khan@sinhgad.edu
BCOM DEPT
Dr. Raju Shravasti
(HOD OF-BCOM)
prof.rajurkamble@sinhgad.edu
MCOM DEPT
Dr. Raju Shravasti
(HOD OF-MCOM)
prof.rajurkamble@sinhgad.edu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FULL STACK DEVELOPER
@TCS
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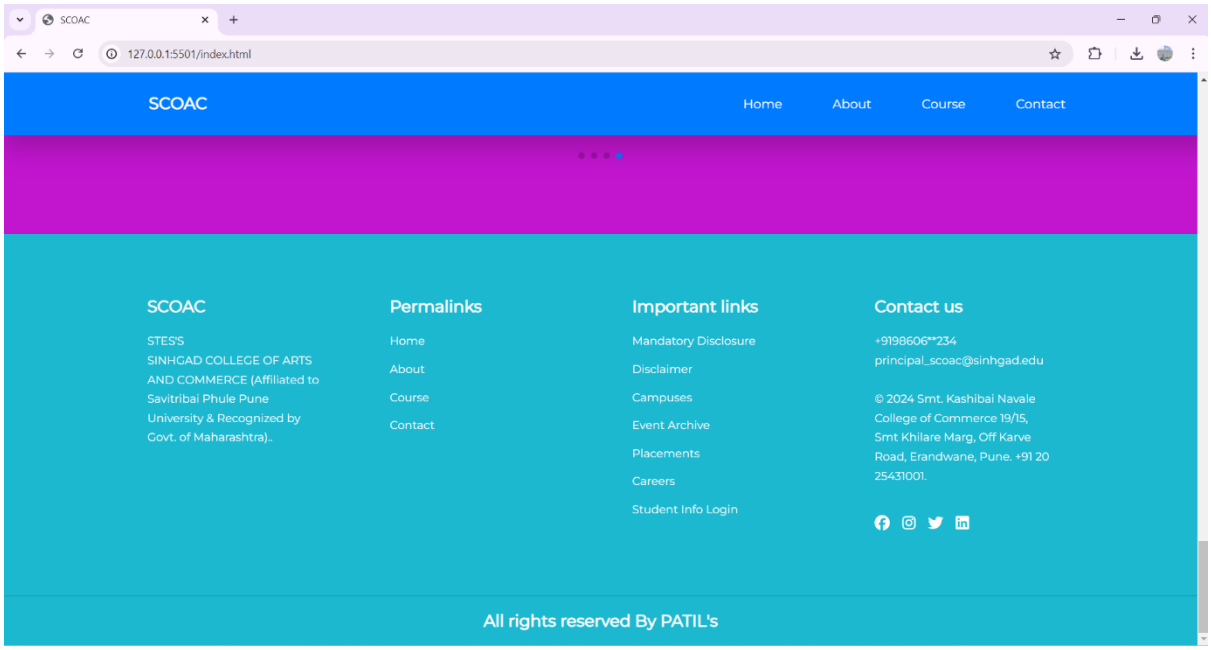
FULL STACK DEVELOPER
@TCS
Full-stack development with our comprehensive course covering front-end technologies like HTML, CSS, JavaScript, and popular frameworks like React. Dive into back-end development with languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in building complete web applications from scratch, preparing you for versatile roles in the tech industry. Master the skills needed to develop and deploy fully functional web solutions.
Full-stack development with our comprehensive course covering front-end technologies like HTML, CSS, JavaScript, and popular frameworks like React. Dive into back-end development with languages such as Node.js, Python, and databases like MongoDB. Gain hands-on experience in building complete web applications from scratch, preparing you for versatile roles in the tech industry. Master the skills needed to develop and deploy fully functional web solutions.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Mandatory Disclosure
Disclaimer
Campuses
Event Archive
Placements
Careers
Student Info Login
Contact us
+9198606**234
principal_scoac@sinhgad.edu
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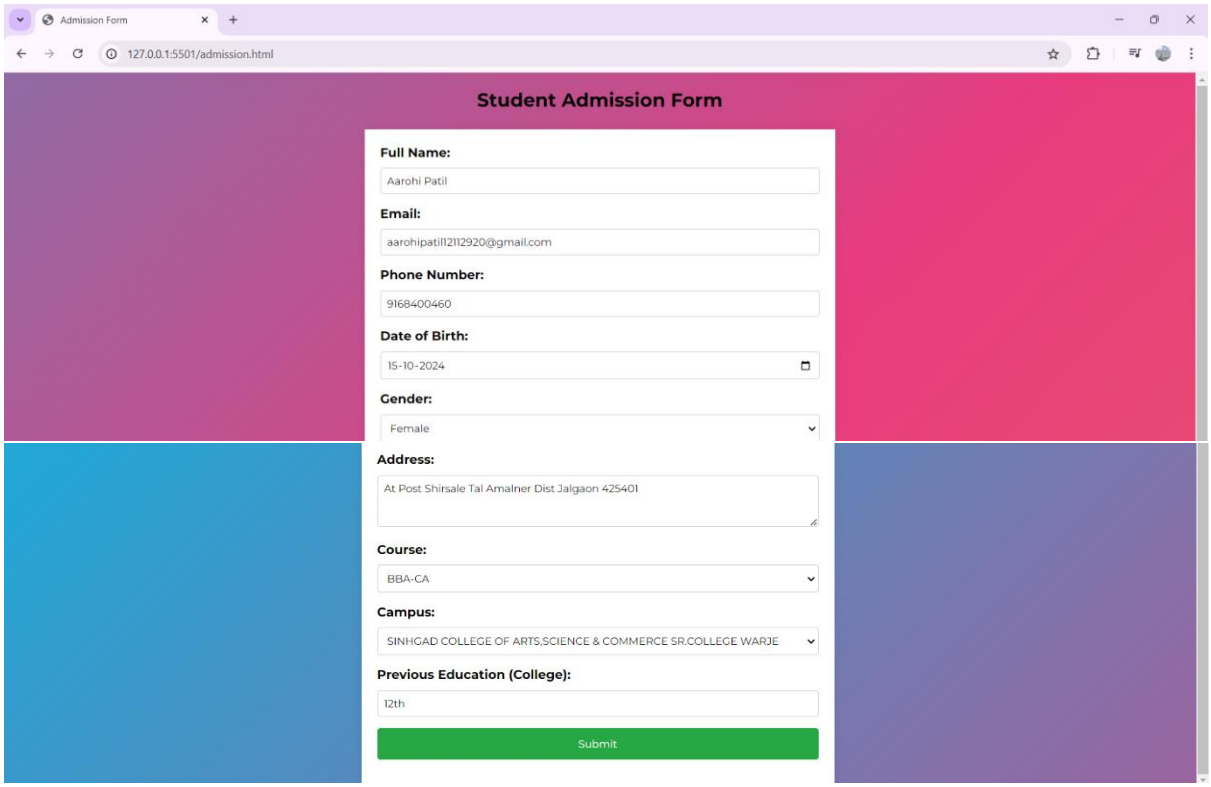
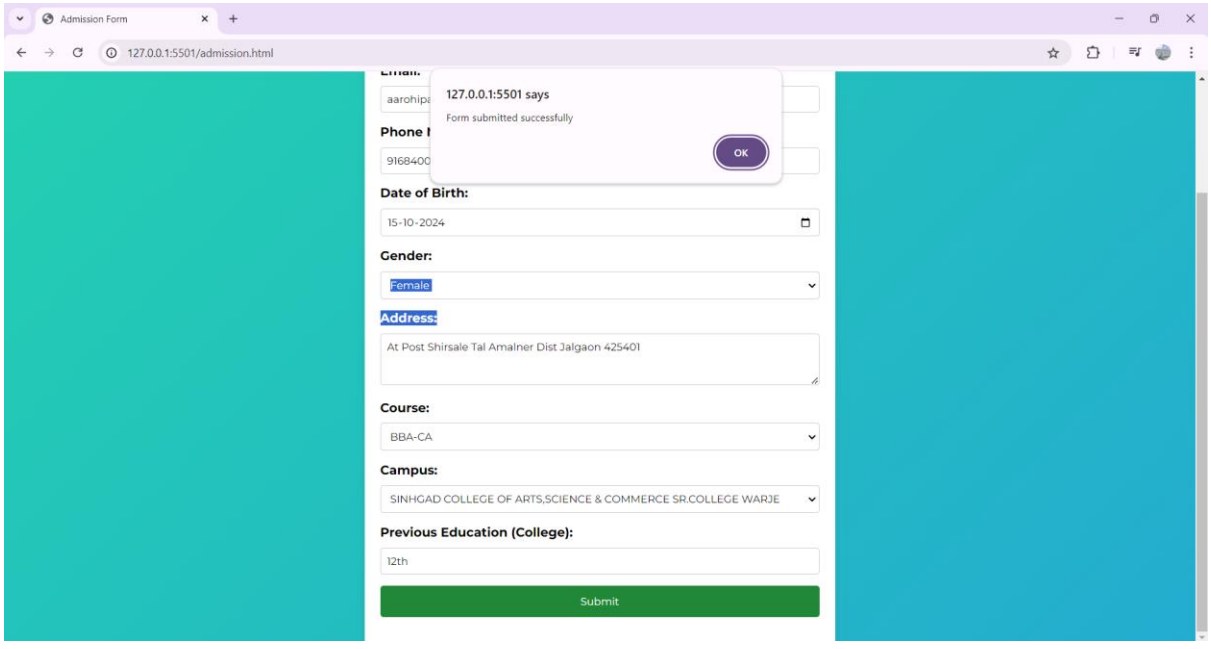

Admission Form
127.0.0.1:5501/admission.html
Student Admission Form
Full Name:
Aarohi Patil
Email:
aarohipatil12112920@gmail.com
Phone Number:
9168400460
Date of Birth:
15-10-2024
Gender:
Female
Address:
At Post Shirsale Tal Amalner Dist Jalgaon 425401
Course:
BBA-CA
Campus:
SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE SR.COLLEGE WARJE
Previous Education (College):
12th
Submit


Admission Form
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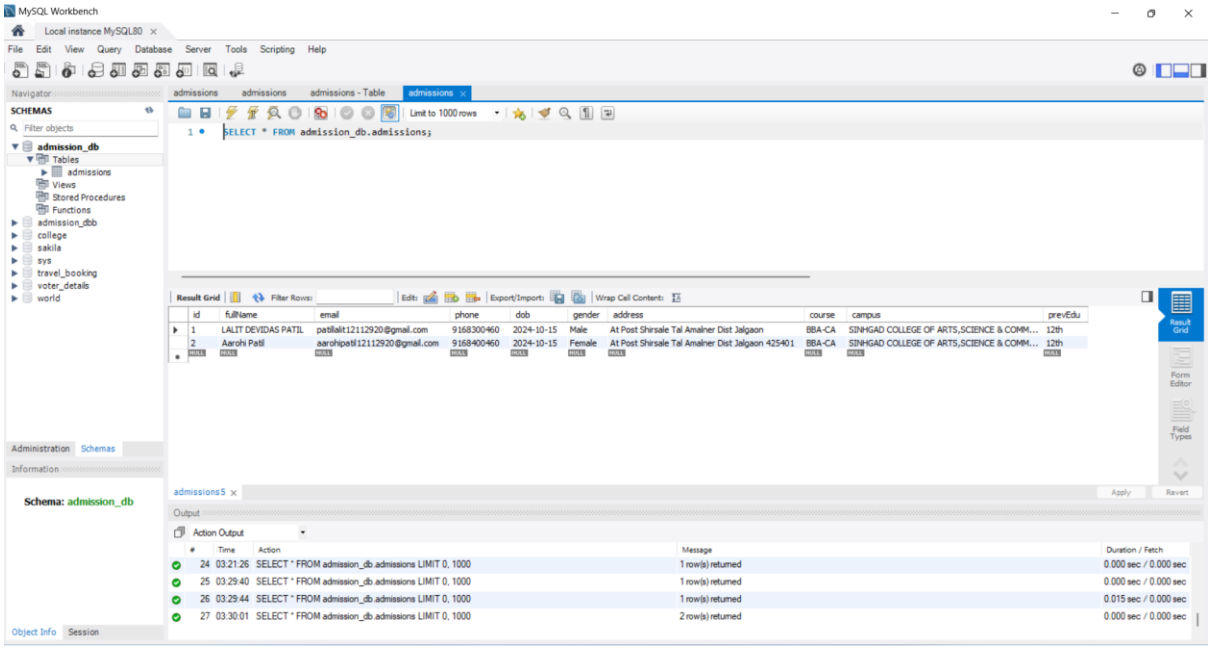
127.0.0.1:5501 says
Form submitted successfully
OK
Date of Birth:
15-10-2024
Gender:
Female
Address:
At Post Shirsale Tal Amalner Dist Jalgaon 425401
Course:
BBA-CA
Campus:
SINHGAD COLLEGE OF ARTS,SCIENCE & COMMERCE SR.COLLEGE WARJE
Previous Education (College):
12th
Submit


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
admission_db
Tables
admissions
Views
Stored Procedures
Functions
admission_dbb
college
sakila
sys
travel_booking
voter_details
world
Administration Schemas
Information
Schema: admission_db
Object Info Session
admissions admissions admissions - Table admissions
Limit to 1000 rows
1 SELECT * FROM admission_db.admissions;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
id fullName email phone dob gender address course campus prevEdu
1 LALIT DEVIDAS PATIL patillalit12112920@gmail.com 9168300460 2024-10-15 Male At Post Shirsale Tal Amalner Dist Jalgaon BBA-CA SINHGAD COLLEGE OF ARTS,SCIENCE & COMM... 12th
2 Aarohi Patil aarohipatil12112920@gmail.com 9168400460 2024-10-15 Female At Post Shirsale Tal Amalner Dist Jalgaon 425401 BBA-CA SINHGAD COLLEGE OF ARTS,SCIENCE & COMM... 12th
Result Grid
Form Editor
Field Types
admissions5
Apply Revert
Output
Action Output
Time Action Message Duration / Fetch
24 03:21:26 SELECT * FROM admission_db.admissions LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
25 03:29:40 SELECT * FROM admission_db.admissions LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
26 03:29:44 SELECT * FROM admission_db.admissions LIMIT 0, 1000 1 row(s) returned 0.015 sec / 0.000 sec
27 03:30:01 SELECT * FROM admission_db.admissions LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

Future Enhancement

Dynamic Content Management

- Implement a Content Management System (CMS) for easy updates to course information, events, and announcements without needing to modify the code directly.

Enhanced User Experience

- Improve the design and layout of the website for better navigation and user experience.
- Introduce responsive design to ensure the website works well on all devices, including tablets and smartphones.

Course Registration System

- Add a feature for students to register for courses online. This could include prerequisites, course schedules, and seat availability.

Student and Faculty Portals

- Develop separate portals for students and faculty to access personalized information such as grades, attendance, and course materials.

Online Examination System

- Create an online examination feature where students can take quizzes and exams. This could include automated grading and immediate feedback.

Live Chat Support

- Integrate a live chat feature for real-time assistance with admissions, courses, and general inquiries.

Document Upload Feature

- Allow students to upload important documents (like admission forms, assignments, etc.) securely through the website.

Event Management Module

- Enhance the events section to allow students to RSVP, view event details, and receive reminders about upcoming events and deadlines.

Alumni Section

- Create a dedicated section for alumni to stay connected, access resources, and share their experiences with current students.

Feedback and Survey System

- Implement a system for collecting feedback from students and faculty about courses, services, and overall college experience.

Multi-language Support

- Consider adding multi-language support to cater to a diverse student population.

Social Media Integration

- Integrate social media feeds to keep the community updated with the latest news and events happening at the college.

Accessibility Features

- Ensure the website complies with accessibility standards (like WCAG) to make it usable for students with disabilities.

Performance Analytics

- Introduce analytics tools to monitor website traffic, user engagement, and popular resources, helping improve content and features based on data.

Enhanced Security Features

- Implement security measures like HTTPS, data encryption, and secure user authentication to protect sensitive information.

Resource Repository

- Create an online library where students can access e-books, journals, and other academic resources.

Collaboration Tools

- Introduce collaboration tools for students and faculty, such as discussion forums, group projects, and shared resources.

Integration with External Platforms

- Consider integrating with platforms like Google Classroom or Moodle for a more comprehensive learning experience.

Limitations

Limited User Engagement

If the website lacks interactive features (like forums or live chats), it may lead to lower engagement from students and faculty.

Dependency on Internet Connectivity

The website's functionality relies heavily on internet access; users in areas with poor connectivity may face difficulties.

Scalability Issues

As the user base grows, the website might experience performance issues if it isn't built to handle increased traffic efficiently.

Maintenance and Updates

Regular updates and maintenance are required to ensure the website's security and functionality. Neglecting this can lead to outdated content or security vulnerabilities.

Accessibility Challenges

Without proper design considerations, the website may not be fully accessible to individuals with disabilities, impacting their ability to navigate the site effectively.

Data Privacy Concerns

Collecting and storing personal information (like student data) requires strict adherence to data protection regulations. Any lapses can lead to serious legal implications.

Limited Customization Options

Users may have limited options for personalizing their experience unless specific features are implemented (like user profiles or dashboards).

Compatibility Issues

The website may not function consistently across all browsers and devices, leading to a fragmented user experience.

Static Content

If the website content is not updated regularly, it can become stale, resulting in decreased interest from users.

Resource Intensive Features

Advanced features (like online examinations or live chats) may require significant server resources, leading to increased hosting costs.

Technical Skills Requirement

Users who need to manage the website may require specific technical skills (like HTML, CSS, or JavaScript), which could limit the pool of potential administrators.

Limited Offline Access

Users cannot access the website's resources without an internet connection, which may be a limitation for those who need to access materials on the go.

Feedback Implementation Challenges

While feedback mechanisms may be in place, implementing changes based on feedback can be slow and may not meet user expectations promptly.

Integration Challenges

Integrating with third-party services (like social media or learning management systems) may present compatibility or functionality issues.

Potential for Overloading Information

Overloading users with too much information or too many features can overwhelm them, leading to confusion and frustration.

Bibliography

1. **YouTube**: Various tutorials and lectures on web development were accessed to gain practical insights into HTML, CSS, JavaScript, and related technologies.

2. **W3Schools**: Comprehensive web development resources and tutorials were utilized for understanding HTML, CSS, and JavaScript. W3Schools Website

3. **Java Point**: Accessed various tutorials on Java and web technologies for building robust backend services. Java Point Website

4. **GeeksforGeeks**: Used for algorithm explanations, coding practices, and web development articles. GeeksforGeeks Website

5. **Additional Sources**: Various online articles and forums were consulted to address specific programming challenges and enhance project functionality.