# Web Programming Project Report

**< Study Anytime>**

**01286233 Web Programming**

**Software Engineering Program**

By

65011269 Budthbundit Thayaurai
65011304 Inthat Sappipat
65011508 Ravinan Woraratyanon

# Web Programming Project Proposal

## < Study Anytime >

## **Introduction** (one page)

Project Description: Enhancing the Software Engineering Department Website

This project focuses on transforming the Software Engineering Department's website of a university into a highly user-friendly platform while also incorporating crucial features commonly found on leading educational websites. The primary goal is to ensure that students, faculty, and visitors can easily access information and resources and engage in a vibrant online community dedicated to software engineering. The website will serve as an informative and interactive hub, catering to a diverse range of users.

Key Features:

1. Admission Programs and Contract Information: The revamped website will prominently display detailed information about software engineering admission programs and course contracts, making it convenient for prospective students to explore their educational options.
2. News and Events: A dedicated section will be available to showcase the latest news, events, and updates related to the Software Engineering Department, creating an avenue for students and faculty to stay informed and engaged.
3. User Registration and Login: A user-friendly signup page will allow new visitors to create accounts, while existing students and faculty can access personalized content through a secure login page.
4. Study anywhere: The website will feature a comprehensive repository for online videos, lectures, and learning resources, promoting a dynamic learning experience for software engineering students.
5. Student Forum: To foster a sense of community and facilitate academic support, a discussion forum will be included where students can ask questions, discuss homework problems, and exchange ideas with peers and faculty.

Through this project, the Software Engineering Department's website will evolve into an inclusive, informative, and engaging platform that not only provides essential information but also fosters a thriving online community for students, faculty, and software engineering enthusiasts.

## Screen Captures of your Web Application

SE@KMITL
Password reset
Enter your email to reset your password
E-mail *
Send
Remember your password? Sign in here

SE@KMITL
Enter your new password
Password reset
New Password *
Send
Remember your password? Sign in here

SE@KMITL
Sign up
ID (If you are student or lecturer of KMITL)
Firstname *
Lastname *
E-mail *
Password *
Student
Lecturer
Others
Sign up
Already have an account? Log in
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**What is Software Engineering?**

Software engineering (SE) is an engineering discipline concerning all aspects of software production, including software analysis, design, development, testing, and deployment. SE requires profound abstract and logical thinking and the application of mathematics, logic, and computer science in order to produce efficient and reliable software with the available resources.

**Why study Software Engineering?**

It is hard to overstate the ubiquity of software nowadays. Every computer system is governed by software. Almost every human activity involves software in some form. Undoubtedly software industry is one of the largest and fastest growing industries in the world. Consequently, skilled software engineers are in high demand worldwide. As software becomes more and more complex, the programming skills and the rudimentary knowledge of software engineering that students obtained from traditional computer science and computer engineering curriculums are insufficient. The development of real-world software applications requires the skills in analysing the problem domain and the customer's requirement and the skills in designing the software from the topmost level down to the implementation level. Moreover, a software engineer must be able to use proper tools, techniques, and methodologies in order to produce the software in an efficient manner.

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**All announcements**

- Direct Admissions 1-1 (Early Round) for Thai students 2024
- Direct Admissions 1-1 (Early Round) for International students 2024
- Direct Admissions 1-1 (Early Round) for Thai students 2023
- Direct Admissions 1-1 (Early Round) for International students 2023
- Direct Admissions 1-1 (Early Round) 2022

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**Lastest News**

Software Engineer Skill Mapping Workshop

K-Engineering World Tour and Workshop 2022

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## KMITL-Glasgow Double-Degree Program in Software Engineering

The **KMITL-Glasgow Double-Degree Program in Software Engineering** is a collaboration between KMITL and the University of Glasgow, UK. The program enables qualified students who have completed Year 2 in the SE program at the International College to enter Years 3 and 4 of the Software Engineering program at the University of Glasgow's School of Computing Science. At Glasgow, the student will have an opportunity to study with world-renowned academics, as well as working on team projects with multi-national talents. This is an excellent opportunity for the students who wish to gain studying and living experience in the UK.

### About University of Glasgow

Founded in 1451, the University of Glasgow (Glasgow, United Kingdom) is one of the oldest universities in the world, and has been ranked as one of the world's top 100 universities. With its long history in advanced research, the University of Glasgow has been home to six Nobel-prize winners. The University's School of Computing Science has consistently been ranked in the UK's top 10 in computing. Glasgow's Software Engineering program is one of the first programs in the world that specialize in software engineering and is highly respected by software industry.

### Admission

Requirements for the students who wish to join this double-degree program:

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## KMITL-Queensland Double-Degree Program in Software Engineering

This double-degree program is under development and is expected to commence in Academic Year 2024. Information provided on this page is subject to further revision.

KMITL-Queensland Double-Degree Program in Software Engineering is a collaboration between KMITL and the University of Queensland (UQ), Australia. The program enables qualified students who have completed Year 2 in the Software Engineering program at KMITL to enter Years 3 and 4 of the Software Engineering program at the University of Queensland in Australia, and, upon completion, be awarded with software engineering degrees from both KMITL and UQ. The collaborative program aims to equip its students with advanced knowledge and skills of software engineering to prepare them for careers in the international software industry, as well as for research and postgraduate study in all computing-related fields.

### About the University of Queensland

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News / Software Engineer Skill Mapping Workshop

### Software Engineer Skill Mapping Workshop

### Hello, Students of Software Engineering Program

Since, the program provide several specialization option in the second half (Year 3 and 4) of the program. We realize that providing guidelines for the specialization is crucial for 2nd students to choose their own specialize. So KMITL and software engineering program presenting, "Software Engineer Skill Mapping Workshop"...

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## B.Eng. in Software Engineering Program

The **B.Eng. in Software Engineering Program** is a 4-year undergraduate program aiming at producing graduates who are capable of working confidently in the international software industry as well as pursuing postgraduate study and research in leading universities worldwide. The curriculum of the program is designed in accordance with the recent ACM/IEEE guideline for undergraduate curriculum in software engineering.

### Program Structure

| Years 1 and 2 @ KMITL | Years 3 and 4 - Track 1 @ KMITL | | | Years 3 and 4 - Track 2 @ Glasgow |
|---|---|---|---|---|
| • Mathematics<br>• Programming (Python, C, C++, Java)<br>• Basics of Computer Hardware<br>• Computer Science Fundamentals<br>• Introduction to Software Engineering<br>• General Education Courses (Science, English, Humanity, Social Science) | • Further Computer Science topics<br>• Software Engineering topics<br>• Software Projects<br>• Summer internship between Year 2 and Year 3<br>Choose one of these specializations | | | University of Glasgow<br>• Study Years 3 & 4 in SE program at School of Computing Science, University of Glasgow<br>• Summer internship between Year 3 and Year 4<br>• Obtain 2 degrees:<br>• B.Eng. in Software Engineering from KMITL<br>• BSc Software Engineering from U. of Glasgow |
| | Enterprise SE | Internet of Things | Intelligent Systems | |
| | • Database Systems<br>• Web Programming<br>• Distributed Computing<br>• Enterprise Software Engineering | • Microprocessors and Interfacing<br>• Web Programming<br>• Embedded System Software<br>• Computer Networking for the Internet of Things | • Big Data<br>• Machine Learning<br>• Computational Intelligence<br>• Knowledge Representation and Reasoning | |

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### Curriculum Overview - Study Plans

| Years 1 and 2 @ KMITL | Years 3 and 4 - Track 1 @ KMITL | | | Years 3 and 4 – Track 2 @ Glasgow | Years 3 and 4 – Track 3* @ Queensland |
|---|---|---|---|---|---|
| • Mathematics<br>• Programming (Python, Rust, C++)<br>• Basics of Computer Hardware<br>• Computer Science Fundamentals<br>• Introduction to Software Engineering<br>• General Education Courses | • Further Computer Science topics<br>• Software Engineering topics<br>• Software Projects<br>• Summer internship between Year 2 and Year 3 (required)<br>Choose one of these specializations | | | University of Glasgow<br>• Study Years 3 & 4 in SE program at School of Computing Science, University of Glasgow<br>• Summer internship between Year 3 and Year 4<br>• Obtain 2 degrees:<br>• B.Eng. in Software Engineering from KMITL<br>• BSc (Hons) Software Engineering from U. of Glasgow | The University of Queensland<br>• Study Years 3 & 4 in SE program at Faculty of Engineering, Architecture and IT, U. of Queensland<br>• Summer internship between Year 3 and Year 4<br>• Obtain 2 degrees:<br>• B.Eng. in Software Engineering from KMITL<br>• BEng (Hons) Software Engineering from U. of Queensland |
| | Metaverse SE | Industrial IoT | Artificial Intelligence | | |
| | • Web Service Development and Service-Oriented Architecture<br>• Computer Graphics and Mixed Reality<br>• Advanced Database Systems<br>• Distributed Computing | • Web Service Development and Service-Oriented Architecture<br>• Real-Time Embedded System Design and Development<br>• Industrial IoT Networks and Communications<br>• Cyber-Physical Systems and Industry 4.0 | • Machine Learning<br>• AI Programming<br>• Data Science and Data Analytics<br>• Knowledge Representation and Reasoning<br>• Deep Learning | | |

### Year 1 and Year 2

In the first two years, the students will study basic courses in mathematics, computer science, and software engineering and develop their programming skills using various programming languages (including

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Upload Video:
Choose File No file chosen
Upload
Enrollment :
Enrolled student:
Withdraw 65011269 Budthbundit Thaya-urai
Withdraw 65011304 Inthat Sappipat
Withdraw 65011508 Ravinan Woraratyanon
Enroll new student:
Student ID
Enroll
Videos:
Lecture 1.mp4
remove
Lecture 2.mp4
remove
Lecture 3.mp4
remove
Lecture 4.mp4
remove
delete course
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Add course:
Course name
course name
Course id
course id
Public
add
Enrolled Courses:
1001 Introduction to Prog
by John Doe
1002 Web Prog
by John Doe
2001 Charm School
by John Doe
Public Courses:
2002 Digital Circuits
by Bob Alice
Other Courses:
1003 Introduction to Logic
by Bob Alice
1004 Discrete Mathematics
by Bob Alice
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1001 Introduction to Prog: Lecture 1.mp4
0:00 / 4:17
Videos in this course:
Lecture 1.mp4
Lecture 2.mp4
Lecture 3.mp4
Lecture 4.mp4
Forum
Create Post:
Post
65011269
Can anyone explain to me more about print() function?
Expand forum
65011508
For displaying the value right?
65011304
Yes, you are right!!!
Reply:
Reply
65011304
What is kwargs args
Expand forum
65011304
I dont understand abs class
Expand forum
65011508
How to we import other lib?
Expand forum
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ID/Username *
Password *
Student
Lecturer
Others
Login
Forgot your password? Reset password

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Sign up
ID (If you are student or lecturer of KMITL)
Firstname *
Lastname *
E-mail *
Password *
Student
Lecturer
Others
Sign up
Already have an account? Log in

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Password reset
Enter your email to reset your password
E-mail *
Send
Remember your password? Sign in here

SE@KMITL
Enter your new password
Password reset
New Password *
Send
Remember your password? Sign in here

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Enroll new student:
Student ID
Enroll
Videos:
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Lecture 2.mp4
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Lecture 3.mp4
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Lecture 4.mp4
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Lecture 3.mp4
Lecture 4.mp4
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## Add course:

Course name

course name

Course id

course id

Public ☐

add

## Enrolled Courses:

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by John Doe

1002 Web Prog
by John Doe

2001 Charm School
by John Doe

## Public Courses:

2002 Digital Circuits
by Bob Alice

## Other Courses:

1003 Introduction to Logic
by Bob Alice

1004 Discrete Mathematics
by Bob Alice

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2002 Digital Circuits
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## Video Playback

1001 Introduction to Prog: Lecture 1.mp4

0:00 / 4:17

### Videos in this course:

- Lecture 1.mp4
- Lecture 2.mp4
- Lecture 3.mp4
- Lecture 4.mp4

## Forum

Create Post:

Post

65011269
Can anyone explain to me more about print() function?

Expand forum

*65011508*
*For displaying the value right?*

*65011304*
*Yes, you are right!!!*

Reply:

Reply

65011304
What is kwargs args

Expand forum

65011304
I dont understand abs class

Expand forum

65011508
How to we import other lib?

Expand forum

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Program Source Codes

HTML

1. About.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Main Page</title>
   <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>

   <div class="container">
      <label>
         <input type="checkbox">
         <div class="toggle">
            <span class="top_line common"></span>
            <span class="middle_line common"></span>
            <span class="bottom_line common"></span>
         </div>
         <div class="sidebar">
            <h1>Profile</h1>
            {% if alreadylogin %}
```

```
<p style="color: rgb(255, 255, 255);">{{username}}</p>
<br>
<li><a class="sidebar-menu" href="/logout">Logout</a></li>
{% else %}
<ul>
   <li><a class="sidebar-menu" href="/login">login</a></li>
   <li><a class="sidebar-menu" href="/signup">signup</a></li>
</ul>
{% endif %}
<br>
<div class="sidebarnav">
   <li><a href="/">Home</a></li>
   <li><a href="/about">About</a></li>
   <li><a href="/admission">Admissions</a></li>
   <li><a href="/news">News</a></li>
   <div class="dropdown-side">
      <li><a class="dropbtn">Program</a>
         <div class="dropdown-content">
            <ul>
               <li><a href="/se2022">Software-Engineering 2022</a></li>
               <li><a href="/se2024">Software-Engineering 2024</a></li>
               <li><a href="/glasgow">KMITL-GLASGOW</a></li>
               <li><a href="/queensland">KMITL-Queensland</a></li>
            </ul>
         </div>
      </li>
```

```
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
        </div>
    </div>
</label>
<div class="topnav">
    <li><a href="/">Home</a></li>
    <li><a class="active" href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
        <li><a>Program</a>
            <div class="dropdown">
                <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                </ul>
            </div>
        </li>
    </div>

    <li><a href="/studyanytime">Study Anytime</a></li>
    <div class="sepic">
          
```

```
            <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
    </div>
    <div class="block1">
        <h2>What is Software Engineering?</h2>
        <p>Software engineering (SE) is an engineering discipline concerning all aspects of
            software production, including software analysis, design, development, testing, and deployment.
            SE requires profound abstract and logical thinking and the application of mathematics, logic,
            and computer science in order to produce efficient and reliable software with the available
            resources.</p>
    </div>

    <div class="block2">
        <h2>Why study Software Engineering?</h2>
        <p>It is hard to overstate the ubiquity of software nowadays. Every computer system is
            governed by software. Almost every human activity involves software in some form.
            Undoubtedly software industry is one of the largest and fastest growing industries
            in the world. Consequently, skilled software engineers are in high demand worldwide.
            As software becomes more and more complex, the programming skills and the rudimentary
```

knowledge of software engineering that students obtained from traditional computer science

and computer engineering curriculums are insufficient. The development of real-world

software applications requires the skills in analysing the problem domain and the customer's

requirement and the skills in designing the software from the topmost level down to the

implementation level. Moreover, a software engineer must be able to use proper tools,

techniques, and methodologies in order to produce the software in an efficient manner.

<h2>Careers in Software Engineering</h2>

There are abundant career opportunities for graduates from the software engineering program.

<ul>

<li>Software engineers, software architects, and software developers on various platforms,

including enterprise software, web applications, mobile applications, games, embedded

applications, etc.</li>

<li>Analysts and designers of IT systems, IT consultants</li>

<li>Software entrepreneurs</li>

</ul>

With strong foundation in computer science, mathematics, and software engineering principles,

graduates of the SE program may continue their studies at postgraduate level in various software

```
        engineering or computing related fields in universities worldwide.</p>
    </div>
    <div class="block4">
      <h2>Internal Lecturers</h2>
      <ul class="lecturers">
        <li>Dr.Montri Phothisonothai</li>
        <li>Dr. Ukrit Watchareeruetai</li>
        <li>Asst.Prof.Dr. Ronnachai Tiyarattanachai</li>
        <li>Assoc.Prof.Dr. Veera Boonjing</li>
        <li>Dr. Natthapong Jungteerapanich</li>
        <li>Asst.Prof.Dr. Chaiwat Nuthong</li>
        <li>Dr.Churirat Boonkhun</li>
        <li>Asst.Prof.Dr. Kulwadee Somboonviwat</li>
        <li>Dr. Pipat Sookavatana</li>
        <li>Asst.Prof.Dr. Chivalai Temiyasathit</li>
        <li>Dr. Jochen Amrehn</li>
        <li>Mr. Xavier Boegly</li>
        <li>Asst.Prof.Dr. Isara Anantavrasilp</li>
      </ul>
    </div>
    <div class="block5">
      <h2>External Lecturers</h2>
      <ul class="lecturers">
        <li>Asst.Prof.Dr. Visit Hirankitti</li>
        <li>Asst.Prof.Dr. Pratoom Angurarohita</li>
        <li>Dr. Prakash Chanchana</li>
```

```
            <li>Asst.Prof.Dr. Surin Kittitornkun</li>
            <li>Assoc.Prof.Dr. Suphamit Chittayasothorn</li>
            <li>Asst.Prof.Dr. Lily Ingsrisawang</li>
            <li>Dr. Vorapranee Khu-smith</li>
            <li>Assoc.Prof.Dr. Tatre Jantarakolica</li>
            <li>Assoc.Prof.Dr. Boontee Kruatrachue</li>
            <li>Asst.Prof.Dr. Todsanai Chumwatana</li>
            <li>Dr. Yunyong Teng-amnuay</li>
            <li>University of Glasgow Staff</li>
            <li>Dr. Rutchanee Gullayanon</li>
            <li>Asst.Prof.Dr. Kasin Vichienchom</li>
            <li>Dr. Teerawet Titseesang</li>
        </ul>
    </div>
  </div>
  <div class="contact">
    <table>
        <tr>
            <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
                style="width: 150px" />
            <td>
        </tr>
        <tr>
            <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
        </tr>
```

```
<tr>
  <td>
    <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
  </td>
</tr>
<tr>
  <td>
    <p>Email: saraban@kmitl.ac.th</p>
  </td>
</tr>
<tr>
  <td>tel : +662-329-8301 ext. 200</td>
</tr>
<tr>
  <td><strong>Contact us</strong></td>
</tr>
<tr>
  <td>
    <div class="link">
      <a href="https://www.facebook.com/kmitlofficial">
        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
      <a href="https://www.instagram.com/kmitlofficial">
        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
```

```
                <a href="https://www.youtube.com/user/prKMITL">
                  <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
                <a href="">
                  <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
              </div>
            </td>
          </tr>
        </table>
    </div>
    <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

2. Admission.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Main Page</title>
```

```
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>


<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
        {% if alreadylogin %}
        <p style="color: rgb(255, 255, 255);">{{username}}</p>
        <br>
        <li><a class="sidebar-menu" href="/logout">Logout</a></li>
        {% else %}
        <ul>
          <li><a class="sidebar-menu" href="/login">login</a></li>
          <li><a class="sidebar-menu" href="/signup">signup</a></li>
        </ul>
        {% endif %}
        <br>
        <div class="sidebarnav">
```

```
            <li><a href="/">Home</a></li>
            <li><a href="/about">About</a></li>
            <li><a href="/admission">Admissions</a></li>
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
              <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
          </div>
        </div>
      </label>
      <div class="topnav">
        <li><a href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a class="active" href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
```

```
            <li><a>Program</a>
                <div class="dropdown">
                    <ul>
                        <li><a href="/se2022">Software-Engineering 2022</a></li>
                        <li><a href="/se2024">Software-Engineering 2024</a></li>
                        <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                        <li><a href="/queensland">KMITL-Queensland</a></li>
                    </ul>
                </div>
            </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
              
            <img    src="static/picture/se.png"    alt="sepic"    style="width:    75px;
height: 45px;">
        </div>
    </div>
    <div class="content">
        <div class="contentheader">
            <h3>All announcements</h3>
        </div>
        <div class="alladmission">
            <div class="admissionblock">
                <a
href="https://reg.kmitl.ac.th/TCAS_old/news/files/2567_1_news1_2972_2023
_10_27-09-34-
```

30_848ce.pdf?fbclid=IwAR11KejfoO7AdM3DvNmlyvTmHv9W6rPSsN34-1p47JQw1wN4gt0dbLIShu0"

target="_blank">

Direct Admissions 1-1 (Early Round) for Thai students 2024

</a>

<a href="https://reg.kmitl.ac.th/TCAS_old/news/files/2567_1_news1_2973_2023_10_27-09-34-55_a56b7.pdf?fbclid=IwAR0N3HosBoTqI3M0A3SdUP8h5-eioauEh3PAyDnyBphZ-Ig3y-RVaVqJo5M"

target="_blank">

Direct Admissions 1-1 (Early Round) for International students 2024

</a>

<a href="https://reg.kmitl.ac.th/TCAS_old/news/files/2566_1_news1_2397_2022_10_30-20-17-48_c7831.pdf"

target="_blank">

Direct Admissions 1-1 (Early Round) for Thai students 2023

```
                </div>
              </a>
            </div>
            <div class="admissionblock">
              <a
href="https://reg.kmitl.ac.th/TCAS_old/news/files/2566_1_news1_2398_2022
_10_30-20-17-02_9bb7a.pdf"
                target="_blank">
                <div class="adtransition">
                  <p>Direct Admissions 1-1 (Early Round) for International
students 2023</p>
                </div>
              </a>
            </div>
            <div class="admissionblock">
              <a
href="https://reg.kmitl.ac.th/TCAS_old/news/files/2565_1_news1_1786_2021
_10_09-17-01-16_0666b.pdf"
                target="_blank">
                <div class="adtransition">
                  <p>Direct Admissions 1-1 (Early Round) 2022</p>
                </div>
              </a>
            </div>
          </div>
        </div>
      </div>
      <div class="contact">
```

```
<table>
  <tr>
    <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
        style="width: 150px" />
    <td>
  </tr>
  <tr>
    <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
  </tr>
  <tr>
    <td>
      <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
    </td>
  </tr>
  <tr>
    <td>
      <p>Email: saraban@kmitl.ac.th</p>
    </td>
  </tr>
  <tr>
    <td>tel : +662-329-8301 ext. 200</td>
  </tr>
  <tr>
    <td><strong>Contact us</strong></td>
  </tr>
```

```
        <tr>
          <td>
            <div class="link">
              <a href="https://www.facebook.com/kmitlofficial">
                <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.instagram.com/kmitlofficial">
                <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.youtube.com/user/prKMITL">
                <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
            </div>
          </td>
        </tr>
      </table>
    </div>
    <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
  </body>
</html>
```

3. Course.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Study Anytime</title>
   <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
   <div class="container">
      <label>
         <input type="checkbox">
         <div class="toggle">
            <span class="top_line common"></span>
            <span class="middle_line common"></span>
            <span class="bottom_line common"></span>
         </div>
         <div class="sidebar">
            <h1>Profile</h1>
            {% if alreadylogin %}
            <p style="color: rgb(255, 255, 255);">{{username}}</p>
            <br>
            <li><a class="sidebar-menu" href="/logout">Logout</a></li>
```

```
{% else %}
<ul>
   <li><a class="sidebar-menu" href="/login">login</a></li>
   <li><a class="sidebar-menu" href="/signup">signup</a></li>
</ul>
{% endif %}
<br>
<div class="sidebarnav">
   <li><a href="/">Home</a></li>
   <li><a href="/about">About</a></li>
   <li><a href="/admission">Admissions</a></li>
   <li><a href="/news">News</a></li>
   <div class="dropdown-side">
      <li><a class="dropbtn">Program</a>
         <div class="dropdown-content">
            <ul>
               <li><a href="/se2022">Software-Engineering 2022</a></li>
               <li><a href="/se2024">Software-Engineering 2024</a></li>
               <li><a href="/glasgow">KMITL-GLASGOW</a></li>
               <li><a href="/queensland">KMITL-Queensland</a></li>
            </ul>
         </div>
      </li>
   </div>
   <li><a href="/studyanytime">Study Anytime</a></li>
</div>
```

```
    </div>
  </label>
  <div class="topnav">
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>
          </ul>
        </div>
      </li>
    </div>
    <li><a class="active" href="/studyanytime">Study Anytime</a></li>
    <div class="sepic">
        
      <img src="{{ url_for('static', path='/picture/se.png') }}" alt="sepic"
        style="width: 75px; height: 45px;">
    </div>
  </div>
```

```
</div>
<!-- The Modal -->
<div id="myModal" class="modal">
  <div class="modal-content">
    <div class="modal-header">
      <p></p><br>
      <h2>Login Required</h2>
      <br>
      <p></p>
    </div>
    <div class="modal-body">
      <br><br>
      <p>You must be signed in to access this page. Click the "Login" button
to log in.</p>
      <br><br>
    </div>
    <div class="modal-footer">
      <h3><br>
        <p>
          <a href="/login"><button>Login</button></a>
        </p>
        <br>
      </h3>
    </div>
  </div>
</div>
{% if enrolled or isInstructor%}
```

```
<div class="uploadvideo">
    {% if isInstructor %}
    <br><br><br>
    <h1>Upload Video:</h1>
    <form id="add-form" action="/video/upload/{{course_id}}" method="POST" enctype="multipart/form-data">
        <div>
            <input type="file" name="file">
        </div>
        <div>
            <input type="submit" value="Upload">
        </div>
    </form>
    {% if not isPublic %}
    <h1>Enrollment :</h1>
    <h3>Enrolled student:</h3>
    {% for student in student_list %}
    <div>
        <form id="withdraw-form" action="/withdraw/{{course_id}}/{{student.id}}" method="POST">
            <p>
                <input type="submit" value="Withdraw">

<b>{{student.id}}</b> {{student.first_name}} {{student.last_name}}
            </p>
        </form>
```

```
    </div>
    {% endfor %}
    <br>
    <h3>Enroll new student:</h3>
    <form id="enroll-form" action="/enroll/{{course_id}}" method="POST">
      <p>
        <input name="student_id" id="student_id" type="text" placeholder="Student ID">
      </p>
      <div>
        <input type="submit" value="Enroll">
      </div>
    </form>
    {% endif %}
    {% endif %}
  </div>
  <div class="video">
    <h1>Videos:</h1>
    {% for video in videos %}
    <div>
      <a href="/studyanytime/course/video/{{course_id}}/{{video}}">
        <div class="video-select">
          <b>{{video}}</b>
        </div>
      </a>
      {% if isInstructor %}
```

```
        <form id="delete-form" action="/video/delete/{{course_id}}/{{video}}" method="POST"
          onsubmit="return confirm('Are you sure you want to delete this video?')">
          <button type="submit">remove</button>
        </form>
        {% endif %}
      </div>
      {% endfor %}
      <br>
    </div>
    {% else %}
    <div>
      <br><br><br><br><br><br>
      <h2> You have not been enrolled to this course</h2>
    </div>
    {% endif %}
    {% if isInstructor %}
    <form id="delete-course" action="/course/remove/{{course_id}}" method="POST"
      onsubmit="return confirm('Are you sure you want to delete this course?')">
      <button type="submit">delete course</button>
    </form>
    {% endif %}
    <div class="backbtn">
      <a href="/studyanytime">
        <button type="submit">Back</button>
```

```
    </a>
  </div>
  <div class="contact">
    <table>
      <tr>
        <td rowspan="7" style="width:15% ;"><img src="{{ url_for('static', path='/picture/kmitl-logo.png') }}"
            alt="" style="width: 150px" />
        <td>
      </tr>
      <tr>
        <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
      </tr>
      <tr>
        <td>
          <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
        </td>
      </tr>
      <tr>
        <td>
          <p>Email: saraban@kmitl.ac.th</p>
        </td>
      </tr>
      <tr>
        <td>tel : +662-329-8301 ext. 200</td>
      </tr>
```

```
        <tr>
          <td><strong>Contact us</strong></td>
        </tr>
        <tr>
          <td>
            <div class="link">
              <a href="https://www.facebook.com/kmitlofficial">
                <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.instagram.com/kmitlofficial">
                <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.youtube.com/user/prKMITL">
                <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
            </div>
          </td>
        </tr>
      </table>
    </div>
```

```
  <script src="{{ url_for('static', path='studyanytime.js') }}" type="text/Javascript"></script>
</body>
</html>
```

4. Glasgow.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
  <div class="container">
    <label>
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
```

```
{% if alreadylogin %}
<p style="color: rgb(255, 255, 255);">{{username}}</p>
<br>
<li><a class="sidebar-menu" href="/logout">Logout</a></li>
{% else %}
<ul>
  <li><a class="sidebar-menu" href="/login">login</a></li>
  <li><a class="sidebar-menu" href="/signup">signup</a></li>
</ul>
{% endif %}
<br>
<div class="sidebarnav">
  <li><a href="/">Home</a></li>
  <li><a href="/about">About</a></li>
  <li><a href="/admission">Admissions</a></li>
  <li><a href="/news">News</a></li>
  <div class="dropdown-side">
    <li><a class="dropbtn">Program</a>
      <div class="dropdown-content">
        <ul>
          <li><a href="/se2022">Software-Engineering 2022</a></li>
          <li><a href="/se2024">Software-Engineering 2024</a></li>
          <li><a href="/glasgow">KMITL-GLASGOW</a></li>
          <li><a href="/queensland">KMITL-Queensland</a></li>
        </ul>
      </div>
```

```
        </li>
      </div>
      <li><a href="/studyanytime">Study Anytime</a></li>
    </div>
  </div>
</div>
</label>
<div class="topnav">
  <li><a href="/">Home</a></li>
  <li><a href="/about">About</a></li>
  <li><a href="/admission">Admissions</a></li>
  <li><a href="/news">News</a></li>
  <div class="programbttn">
    <li><a class="active">Program</a>
      <div class="dropdown">
        <ul>
          <li><a href="/se2022">Software-Engineering 2022</a></li>
          <li><a href="/se2024">Software-Engineering 2024</a></li>
          <li><a href="/glasgow">KMITL-GLASGOW</a></li>
          <li><a href="/queensland">KMITL-Queensland</a></li>
        </ul>
      </div>
    </li>
  </div>

  <li><a href="/studyanytime">Study Anytime</a></li>
```

```
  <div class="sepic">
      
    <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
  </div>
 </div>

 <section class="section jss171" style="padding: 36px 64px">
  <div style="white-space: normal; overflow-wrap: break-word">
    <h1>KMITL-Glasgow Double-Degree Program in Software Engineering</h1>

    <p> </p>

    <p>
      The
      <strong>KMITL-Glasgow Double-Degree Program in Software Engineering</strong>
      is a collaboration between KMITL and the University of Glasgow, UK.
      The program enables qualified students who have completed Year 2 in
      the SE program at the International College to enter Years 3 and 4 of
      the Software Engineering program at the University of Glasgow's School
      of Computing Science. At Glasgow, the student will have an opportunity
      to study with world-renowned academics, as well as working on team
      projects with multi-national talents. This is an excellent opportunity
      for the students who wish to gain studying and living experience in
      the UK.
    </p>
```

```
<p> </p>
<hr />
<p> </p>
<div>
 <h2 style="font-size: 27px; margin-bottom: 20px;">About University of Glasgow</h2>

 <div>
  <img alt="logo glasgow university" src="http://se.kmitl.ac.th/assets/logoglasgowuniversitysmall.png"
   style="height: 100%; width: 295px" />
 </div>
  

 <div>
  <p style="font-size: 20px;">
   Founded in 1451, the<a href="http://www.gla.ac.uk/" rel="alternate noopener noreferrer" target="_blank">
    University of Glasgow </a> (Glasgow, United Kingdom) is one of the oldest universities in
   the world, and has been ranked as<a href="https://www.topuniversities.com/universities/university-glasgow"
    rel="alternate noopener noreferrer" target="_blank"> one of the world's top 100 universities </a>. With
   its long history in advanced research, the University of
   Glasgow has been home to <a href="http://www.gla.ac.uk/about/history/fame/"
    rel="alternate noopener noreferrer" target="_blank"> six Nobel-prize winners </a>. The University's <a
```

```
        href="http://www.gla.ac.uk/schools/computing/"          rel="alternate
noopener noreferrer" target="_blank">School

        of Computing Science </a>has consistently been ranked in the<a

        href="https://www.topuniversities.com/university-rankings/university-
subject-rankings/2016/computer-science-information-systems"

        rel="alternate noopener noreferrer" target="_blank"> UK's top 10 in
computing </a>. Glasgow's <a

href="http://www.gla.ac.uk/undergraduate/degrees/softwareengineering/"
rel="alternate noopener noreferrer"

        target="_blank">Software Engineering program </a>is one of the first

      programs in the world that specialize in

      software engineering and is highly respected by software industry.

    </p>


    <p> </p>


    <hr />

    <p> </p>


    <h2 style="font-size: 27px;">Admission</h2>


    <p> </p>


    <p style="font-size: 20px;">

      Requirements for the students who wish to join this

      double-degree program:

    </p>
```

```
<ul style="font-size: 20px;">
  <li>
    Completed Year 2 of the B.Eng. in Software Engineering program
    with GPA of 3.2 or more
  </li>
  <li>IELTS score of 6.5 or more, with no subtest below 6.0</li>
</ul>

<p> </p>

<hr />
<p> </p>

<h2 style="font-size: 27px;">Degrees</h2>

<p> </p>

<p style="font-size: 20px;">
  Students who have completed Year 4 of this
  double-degree program will be awarded a 
</p>

<p style="font-size: 20px;">
  <strong>BSc Honours degree in Software Engineering from the University
    of Glasgow</strong>
```

```
and a<strong>B.Eng. degree in Software Engineering from KMITL</strong>.
</p>

<p style="font-size: 20px;">
  Students who maintain good academic records during their studies
  at the University of Glasgow will be eligible to transfer to a
  one-year Master program in Software Engineering at the end of Year
  4 and graduate with the Master of Science degree in Software
  Engineering awarded by University of Glasgow at the end of Year 5.
</p>

<p> </p>

<hr />
<p> </p>

<h2 style="font-size: 27px;">Tuition Fees</h2>

<p> </p>

<p style="font-size: 20px;">The tuition fee rates are as follows* :</p>

<ul style="font-size: 20px;">
  <li>
    <ul>
      <li>
```

```
        <p>2 years at KMITL, Tuition fee : THB 180,000 per year</p>
      </li>
      <li>
        <p>
          2 years at Glasgow, Tuition fee with scholarship :
          GBP 17,536 per year
        </p>
      </li>
    </ul>
  </li>
</ul>

<p style="font-size: 20px;">
  * Rates as of Academic Year 2020. Every student joining the
  double-degree program is entitled to the<strong>KMITL - Glasgow Undergraduate Scholarship</strong>
  which provides 20% reduction from the full tuition-fee rate for
  international students at Glasgow University.
</p>

<p> </p>

<hr />
<p> </p>

<h2 style="font-size: 27px;">Application Procedure</h2>
```

```
<p> </p>

<p style="font-size: 20px;">
  Applications for KMITL-Glasgow Double-Degree Program in
  Software Engineering are made when students finish the second
  semester of Year 2 of their study in the SE program. Second-year
  SE students who meet the requirements above and wish to apply need
  to inform the SE program director before the end of Year
  2 Semester 2 and submit their applications on the UCAS
  system<strong>no later than 30 June</strong> (of the year they are
  planning to enter UoG) at <a
href="https://www.ucas.com/students" rel="noopener noreferrer"
    target="_blank">https://www.ucas.com/students</a>.
</p>

<p> </p>

<h2 style="font-size: 27px;">Application Guidance</h2>

<p> </p>

<ol style="font-size: 20px;">
  <li>
    On the UCAS website above, choose Undergraduate 20xx entry,
    where 20xx is the year you are planning to enter UoG, and then
    select "Apply". This should lead you to the application system.
    You first need to<strong>register</strong>. Make sure you
```

provide an email address that you check regularly (could be @kmitl.ac.th address or your personal email address). Your given names and your last name that you enter when registering should be spelled exactly as written in your passport. If there is any field in the registration form that is unclear, click on ? or "Help" to see an explanation. After you have registered, you will receive an email from UCAS asking you to verify your email address. You should follow the instruction in the email.

</li>

<li>

After you have registered, you can then login to start filling in your application. When asked how you are applying, you should specify that you apply as "individual" (thus a "buzzword" is not required).

</li>

<li>

When asked which program to apply, choose BSc (Hons) Software Engineering program at the University of Glasgow (UCAS G430) for entry into Year 3 of the program.

</li>

<li>

You must include a short personal statement. The statement should include your reason for choosing software engineering as your program of study, your reason for choosing the KMITL-Glasgow Double-Degree Program in Software Engineering,

and your future plan after your graduate.

</li>

<li>Reference letters are not needed.</li>

<li>

When you submit your application, you will be asked to pay theapplication fee using a credit card. You can ask someone else to pay for you using their credit card.  If the credit card you use does not work, try another one.

</li>

<li>

After you have submitted your UCAS application, notify the SE program director that your have done so within 30 June. Also send a copy of your IELTS score report to the program director. The program director will forward your IELTS score report together with your transcript to the admissions office at UoG. There is no need to send us your transcript as we can obtain it by ourselves.

</li>

<li>

If you satisfy all the requirements, UoG will notify you with anunconditional offer via email. If not, UoG will send you aconditional offer via email, detailing the conditions that you need to satisfy and the deadline (e.g. IELTS score or final GPA for Year 2 at KMITL).

You must accept the offer within the deadline stated in your offer.

</li>

<li>

Once you have been given and accepted an unconditional offer, UoG will start preparing aCAS statement for you. UoG will send you adraft of your CAS statement for you to check for correctness. Your CAS statement is a summary of your personal information, educational records, and your program of study in the UK. The CAS statement will be stored in an online server accessible by UK universities and the UK immigration department (called the Home Office). Your CAS statement will be read by the visa staff when you apply for a visa. You should check that all the information is correct and, in particular, thetuition fee listed in the statement is the 20%-discounted rate. Inform UoG if any correction is needed.

</li>

<li>

Once you have confirmed that the draft of your CAS statement is correct, UoG will email you a copy of your final CAS statement. You should print it out and later include it with your visa application.

</li>

<li>

During the same time after you accepted the unconditional offer, you will receive some information from UoG's student services regarding the registration, student accommodation,

internet account, etc via email. You can just response to their

request. When you are asked to register for courses in the

upcoming semester, you can ignore that. You are to do thecourse registration

when you are in the UK. Your advisor at UoG will help you with

the course registration when you arrive at UoG.

</li>

<li>

Regarding the accommodation, UoG will send you

an application form for applying for a <a href="https://www.gla.ac.uk/undergraduate/accommodation/"

rel="noopener noreferrer" target="_blank">university accommodation</a>. There is a wide range of

options. You can also apply for a

private student accommodation. For the latter, you can do so by

yourself on the web any time (even before you receive an offer).

You can consult the SE students currently studying at Glasgow

for advice accommodations. For a private accommodation, you

could apply even before you receive an offer from UoG. 

</li>

<li>

After your have received a copy of your final CAS statement in

Step 10 above, you can start applying for your

UK visa. See below for the visa

application guidance.

</li>

<li>

```
    You should plan to arrive at Glasgow at the beginning of the
    <strong>orientation week</strong>, which is typically on the
    Monday in the middle of September, or before that.
  </li>
</ol>

<p style="font-size: 20px;">
  If you have any question or problem on the KMITL-Glasgow
  Double-Degree Program in Software Engineering, please contact the
  <strong>SE program director</strong>, Asst.Prof.Dr. Visit
  Hirankitti (visit.hi@kmitl.ac.th).
</p>

<p> </p>

<h2 style="font-size: 27px;">UK Visa Guidance</h2>

<p> </p>

<p style="font-size: 20px;">
  The type of the visa that you should apply is called
  <strong>"General student visa (Tier 4)"</strong>. You can apply
  for the visa only after you have received your final CAS statement
  from UoG. But there are some necessities that you should prepare
  even before starting your visa application process.
</p>
```

<ol style="font-size: 20px;">
<li>
Make sure you have your passport that is valid for
3 more years or longer.
</li>
<li>
Prepare a sufficient amount of money in your parents' bank account. The money must be in the account for at least 28 days when you apply for a visa. Bank accounts belonging to someone else other than yourself or your parents are unacceptable. Only a bank account where the money can be readily withdrawn at any time can be used to support your application. The minimum amount of money required in the bank account is"Annual tuition fee listed on CAS statement in GBP" + ("Monthly living cost of 1,015 GBP/month" x 9 months).
</li>
<li>
Have a Tuberculosis test at an approved testing center to obtain a medical certificate. See <a
href="https://www.gov.uk/government/publications/tuberculosis-test-for-a-uk-visa-clinics-in-thailand/tuberculosis-testing-in-thailand"
rel="noopener noreferrer"
target="_blank">https://www.gov.uk/government/publications/tuberculosis-test-for-a-uk-visa-clinics-in-thailand/tuberculosis-testing-in-thailand</a> 

```
  </li>
  <li>
    Obtain the address of <strong>your accommodation</strong> in the
    UK.
  </li>
</ol>

<p>
  Note that you need <strong>not</strong> purchase your flight
  ticket before applying for your visa, but you should have a travel
  plan, i.e. which day your plan to arrive in the UK.
</p>

<p style="font-size: 20px;">
  Guidance on how to apply for this type of visa can be found
  at <a href="https://www.gov.uk/tier-4-general-visa"
rel="noopener noreferrer"
    target="_blank">https://www.gov.uk/tier-4-general-visa</a>. Below is
an overview of the UK visa
  application
  procedure. 
</p>

<ol style="font-size: 20px;">
  <li>Fill in and submit the online application form.</li>
  <li>
    Upload all the required supporting documents. Upload the
```

```
    original copies. Translations are not needed.
  </li>
  <li>Pay the visa application fee.</li>
  <li>Print out the completed application form.</li>
  <li>
    Make a reservation for a visit to the UK visa application
    center.
  </li>
  <li>
    Bring your application form, your current passport and all the
    old ones, your medical certificate, and the original version of
    all your supporting documents and go to the visa application
    center.
  </li>
  <li>
    At the UK visa application center, have your documents checked
    and your fingerprints recorded.
  </li>
  <li>
    Obtain the visa collection slip and the expected visa collection
    date.
  </li>
</ol>

<p style="font-size: 20px;">
  If there is no problem with your application, the processing time
```

```
        for <strong>General student visa (Tier 4)</strong> is
        normally 2-3 weeks after your visit to the UK visa application
        center.
      </p>
    </div>
  </div>
 </div>
</section>
<div class="contact">
 <table>
  <tr>
   <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt="" style="width: 150px" />
   <td>
  </tr>
  <tr>
   <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
  </tr>
  <tr>
   <td>
    <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
   </td>
  </tr>
  <tr>
   <td>
    <p>Email: saraban@kmitl.ac.th</p>
```

```
    </td>
  </tr>
  <tr>
    <td>tel : +662-329-8301 ext. 200</td>
  </tr>
  <tr>
    <td><strong>Contact us</strong></td>
  </tr>
  <tr>
    <td>
      <div class="link">
        <a href="https://www.facebook.com/kmitlofficial">
          <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
        </a>
        <a href="https://www.instagram.com/kmitlofficial">
          <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
        </a>
        <a href="https://www.youtube.com/user/prKMITL">
          <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
        </a>
        <a href="">
          <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
        </a>
```

```
        </div>
      </td>
     </tr>
   </table>
  </div>
</body>
</html>
```

5. Index.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Main Page</title>
   <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
   <div class="container">
      <label>
         <input type="checkbox">
         <div class="toggle">
            <span class="top_line common"></span>
            <span class="middle_line common"></span>
```

```
    <span class="bottom_line common"></span>
  </div>
  <div class="sidebar">
    <h1>Profile</h1>
    {% if alreadylogin %}
    <p style="color: rgb(255, 255, 255);">{{username}}</p>
    <br>
    <li><a class="sidebar-menu" href="/logout">Logout</a></li>
    {% else %}
    <ul>
      <li><a class="sidebar-menu" href="/login">login</a></li>
      <li><a class="sidebar-menu" href="/signup">signup</a></li>
    </ul>
    {% endif %}
    <br>
    <div class="sidebarnav">
      <li><a href="/">Home</a></li>
      <li><a href="/about">About</a></li>
      <li><a href="/admission">Admissions</a></li>
      <li><a href="/news">News</a></li>
      <div class="dropdown-side">
        <li><a class="dropbtn">Program</a>
          <div class="dropdown-content">
            <ul>
              <li><a href="/se2022">Software-Engineering 2022</a></li>
              <li><a href="/se2024">Software-Engineering 2024</a></li>
```

```
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
      </div>
    </div>
  </label>
  <div class="topnav">
    <li><a class="active" href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>

          </ul>
        </div>
```

```
            </li>
          </div>


          <li><a href="/studyanytime">Study Anytime</a></li>
          <div class="sepic">
              
            <img  src="static/picture/se.png"  alt="sepic"  style="width:  75px;
height: 45px;">
          </div>
        </div>
      </div>
      <div class="slideshow">
        <section class="wrapper">
          <i class="fa-solid fa-arrow-left button" id="prev"></i>
          <div class="image-container">
            <div class="carousel">
              <img src="static/picture/kmitl-overview.jpg" alt="" />
              <img src="static/picture/SE-banner.jpg" alt="" />
              <img src="static/picture/1.jpg" alt="" />
              <img src="static/picture/2.jpg" alt="" />
              <img src="static/picture/3.jpg" alt="" />
              <img src="static/picture/4.jpg" alt="" />
              <img src="static/picture/4.jpg" alt="" />
            </div>
            <i class="fa-solid fa-arrow-right button" id="next"></i>
          </div>
        </section>
```

```
</div>
<div class="contact">
  <table>
    <tr>
      <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
          style="width: 150px" />
      <td>
    </tr>
    <tr>
      <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
    </tr>
    <tr>
      <td>
        <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
      </td>
    </tr>
    <tr>
      <td>
        <p>Email: saraban@kmitl.ac.th</p>
      </td>
    </tr>
    <tr>
      <td>tel : +662-329-8301 ext. 200</td>
    </tr>
    <tr>
```

```
            <td><strong>Contact us</strong></td>
        </tr>
        <tr>
            <td>
                <div class="link">
                    <a href="https://www.facebook.com/kmitlofficial">
                        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.instagram.com/kmitlofficial">
                        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.youtube.com/user/prKMITL">
                        <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="">
                        <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                </div>
            </td>
        </tr>
    </table>
  </div>
```

```
<!-- The Modal -->
<div id="myModal" class="modal">
  <div class="modal-content">
    <div class="modal-header">
      <span class="close">&times;</span>
      <p></p><br>
      <h2>Invalid Access</h2>
      <br>
      <p></p>
    </div>
    <div class="modal-body">
      <br><br>
      <p>Your session has expired or the access token is not valid.</p>
      <br>
      <p>Please log in again.</p>
      <br><br>
    </div>
    <div class="modal-footer">
      <h3><br><br>
        <p></p>
      </h3>
    </div>
  </div>
</div>
<script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
```

```
</html>
```

6. Login.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Login Page</title>
   <link href="{{ url_for('static', path='login.css?v=1.1') }}" rel="stylesheet" type="text/css">
</head>

<body>
   <div class="main">
      <div class="content">
         <div class="topnav">
            <li><a class="active" href="/"><b>SE@KMITL</b></a></li>
         </div>
         <div class="containertransition">
            <div class="container">
               <div class="sepic">

                  <img src="{{ url_for('static', path='/picture/se.png') }}" alt="sepic" style="height: 70px; width:180;">
               </div>
```

```
<div class="header">
  <h2>Log in</h2>
</div>
<div class="contentheadsub">
  <p>
    <span class="contentheadsubone">Don't have an account?</span>
    <span>
      <a href="/signup">Sign up</a>
    </span>
    {% if invalid %}
      <p style="color: red;">Invalid username/password</p>
    {% endif %}
  </p>
</div>
<form id="login-form" action="/user/signIn/" method="POST">
  <div class="contentboxfield">
    <p>
      <input name="id" id="id" type="text" class="input-item" placeholder="ID/Username *" required>
    </p>
    <p>
      <input name="password" id="password" type="password" class="input-item" placeholder="Password *" required>
    </p>
    <p>
```

```
                <input type="radio" name="role" id="student" value="student" required>
                <label for="student" class="radio-label">Student</label>

                <input type="radio" name="role" id="lecturer" value="lecturer" required>
                <label for="lecturer" class="radio-label">Lecturer</label>

                <input type="radio" name="role" id="others" value="others" required>
                <label for="others" class="radio-label">Others</label>
              </p>
            </div>
            <div class="contentbutton">
              <button type="submit">Login</button>
            </div>
          </form>
          <div class="contentbuttonsub">
            <p>
              <span class="contentbuttonsubone">Forgot your password?</span>
              <span>
                <a href="/resetpassword">Reset password</a>
              </span>
            </p>
          </div>
        </div>
```

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

7. Newpass.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Resetpassword Page</title>
    <link href="{{ url_for('static', path='resetpassword.css') }}" rel="stylesheet"
type="text/css">
</head>

<body>
    <div class="main">
      <div class="content">
        <div class="topnav">
          <li><a class="active" href="/"><b>SE@KMITL</b></a></li>
        </div>
        <div class="containertransition">
          <div class="container">
            <div class="contentheadsub">
```

```
<p>
<span class="contentheadsubone">Enter your new password</span>
</p>
<h2>Password reset</h2>
</div>
<div class="contentboxfield">
<form id="resetpassword" action="/user/resetPwd/{{token}}/{{new_password}}" method="POST">
<p>
<input class="input-item" name="new_password" id="new_password" type="password" placeholder="New Password *" required>
</p>
<div class="contentbutton">
<button type="submit">Send</button>
</div>
</form>
</div>
<div class="contentbuttonsub">
<p>
<span class="contentbuttonsubone">Remember your password?</span>
<span>
<a href="/login">Sign in here</a>
</span>
</p>
</div>
```

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

8. News.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Main Page</title>
    <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
    <div class="container">
        <label>
            <input type="checkbox">
            <div class="toggle">
                <span class="top_line common"></span>
                <span class="middle_line common"></span>
                <span class="bottom_line common"></span>
```

```
</div>
<div class="sidebar">
  <h1>Profile</h1>
  {% if alreadylogin %}
  <p style="color: rgb(255, 255, 255);">{{username}}</p>
  <br>
  <li><a class="sidebar-menu" href="/logout">Logout</a></li>
  {% else %}
  <ul>
    <li><a class="sidebar-menu" href="/login">login</a></li>
    <li><a class="sidebar-menu" href="/signup">signup</a></li>
  </ul>
  {% endif %}
  <br>
  <div class="sidebarnav">
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="dropdown-side">
      <li><a class="dropbtn">Program</a>
        <div class="dropdown-content">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
```

```
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
      </div>
    </div>
  </label>
  <div class="topnav">
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a class="active" href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>

          </ul>
        </div>
      </li>
```

```
        </div>

        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
              
            <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
    </div>
    <div class="content">
        <div class="contentheader">
            <h2>Lastest News</h2>
        </div>
        <div class="allnews">
            <div class="newsblock">
                <a href="/news1">
                    <img src="static/picture/news1.png" alt="pic1">
                    <p>Software Engineer Skill Mapping Workshop</p>
                </a>
            </div>
            <div class="newsblock">
                <a href="/news2">
                    <img src="static/picture/news2.png" alt="pic2">
                    <p>K-Engineering World Tour and Workshop 2022</p>
                </a>
            </div>
            <div class="newsblock">
```

```
            <a href="/news3">
                <img src="static/picture/news3.png" alt="pic3">
                <p>Visit from U. of Queensland</p>
            </a>
        </div>
        <div class="newsblock">
            <a href="/news4">
                <img src="static/picture/news4.png" alt="pic4">
                <p>TALK: Introducing the KMITL - U. of Glasgow Double Degree Program</p>
            </a>
        </div>
    </div>
  </div>
</div>
<div class="contact">
  <table>
    <tr>
        <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
            style="width: 150px" />
        <td>
    </tr>
    <tr>
        <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
    </tr>
```

```
<tr>
  <td>
    <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
  </td>
</tr>
<tr>
  <td>
    <p>Email: saraban@kmitl.ac.th</p>
  </td>
</tr>
<tr>
  <td>tel : +662-329-8301 ext. 200</td>
</tr>
<tr>
  <td><strong>Contact us</strong></td>
</tr>
<tr>
  <td>
    <div class="link">
      <a href="https://www.facebook.com/kmitlofficial">
        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
      <a href="https://www.instagram.com/kmitlofficial">
        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
```

```
                <a href="https://www.youtube.com/user/prKMITL">
                  <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
                <a href="">
                  <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
              </div>
            </td>
          </tr>
        </table>
    </div>
    <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

9. News1.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Main Page</title>
```

```
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>


<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
        {% if alreadylogin %}
        <p style="color: rgb(255, 255, 255);">{{username}}</p>
        <br>
        <li><a class="sidebar-menu" href="/logout">Logout</a></li>
        {% else %}
        <ul>
          <li><a class="sidebar-menu" href="/login">login</a></li>
          <li><a class="sidebar-menu" href="/signup">signup</a></li>
        </ul>
        {% endif %}
        <br>
        <div class="sidebarnav">
```

```
            <li><a href="/">Home</a></li>
            <li><a href="/about">About</a></li>
            <li><a href="/admission">Admissions</a></li>
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
              <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
          </div>
        </div>
      </label>
      <div class="topnav">
        <li><a class="active" href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
```

```
            <li><a>Program</a>
              <div class="dropdown">
                <ul>
                  <li><a href="/se2022">Software-Engineering 2022</a></li>
                  <li><a href="/se2024">Software-Engineering 2024</a></li>
                  <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                  <li><a href="/queensland">KMITL-Queensland</a></li>
                </ul>
              </div>
            </li>
          </div>
          <li><a href="/studyanytime">Study Anytime</a></li>
          <div class="sepic">
              
            <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
          </div>
        </div>


        <div class="subheader">
          <h5><a href="/news">News</a> / Software Engineer Skill Mapping Workshop</h5>
        </div>
        <div class="containernews">
          <div class="news1content">
            <h3>Software Engineer Skill Mapping Workshop</h3>
            <hr>
```

```
<img src="static/picture/news1.png" alt="pic1">
<br><br>
<h3>Hello, Students of Software Engineering Program</h3>
<p>Since, the program provide several specialization option in the second half (Year 3 and 4) of
the program. We realize that providing guildelines for the specialization is crucial for
2nd students to choose their own specialize. So KMITL and software engineering program
presenting, "Software Engineer Skill Mapping Workshop"...</p><br>
<h3>Timing :</h3>
<p>The workshop will be held on every Friday from 10th Febuary to 3rd March at 804 ECC building
from 9 AM to 12 PM.</p><br>
<h3>Topic :</h3>
<p>The workshop topic will be:
<ul>
<li>In Friday 10th Febuary and 17th Febuary - Topic about Metavearse : HTML5 and A-Frame technology.
</li>
<li>In Friday 24th Febuary and 3rd March - Topic about Industrial IoT : IoT and Scada technology.
</li>
</ul>
<p>The workshop will be open for second year student of Software Engineering Program and any students
interrest in the topic.</p>
</p>
```

```
            <hr>
          </div>
        </div>
      </div>
      <div class="contact">
        <table>
          <tr>
            <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
                  style="width: 150px" />
            <td>
          </tr>
          <tr>
            <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
          </tr>
          <tr>
            <td>
              <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
            </td>
          </tr>
          <tr>
            <td>
              <p>Email: saraban@kmitl.ac.th</p>
            </td>
          </tr>
          <tr>
```

```
        <td>tel : +662-329-8301 ext. 200</td>
      </tr>
      <tr>
        <td><strong>Contact us</strong></td>
      </tr>
      <tr>
        <td>
          <div class="link">
            <a href="https://www.facebook.com/kmitlofficial">
              <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
            <a href="https://www.instagram.com/kmitlofficial">
              <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
            <a href="https://www.youtube.com/user/prKMITL">
              <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
            <a href="">
              <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
          </div>
        </td>
      </tr>
```

```
    </table>
  </div>
  <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

10. News2.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
```

```
</div>
<div class="sidebar">
  <h1>Profile</h1>
  {% if alreadylogin %}
  <p style="color: rgb(255, 255, 255);">{{username}}</p>
  <br>
  <li><a class="sidebar-menu" href="/logout">Logout</a></li>
  {% else %}
  <ul>
    <li><a class="sidebar-menu" href="/login">login</a></li>
    <li><a class="sidebar-menu" href="/signup">signup</a></li>
  </ul>
  {% endif %}
  <br>
  <div class="sidebarnav">
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="dropdown-side">
      <li><a class="dropbtn">Program</a>
        <div class="dropdown-content">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
```

```
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
      </div>
    </div>
  </label>
  <div class="topnav">
    <li><a class="active" href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>
          </ul>
        </div>
      </li>
    </div>
```

```
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>


      <div class="subheader">
        <h5><a href="/news">News</a> / K-Engineering World Tour and Workshop 2022</h5>
      </div>
      <div class="containernews">
        <div class="news2content">
          <h3>K-Engineering World Tour and Workshop 2022</h3>
          <hr>
          <img src="static/picture/news2.png" alt="pic2">
          <h2>Welcome, Future Engineers!</h2>
          <p>We have good news! This year, we're back again with another open-house workshop.
            But this year is not the same as the past. Instead of hosting one workshop,
            we decided to host two! We welcome you to join in this awesome event, whoever you are.
            More information about the event can be found below!</p>
          <h2>Details of the event</h2>
          <p>So, as we have stated earlier, two workshops will be hosted this year:
```

```
<ul>
  <li>- A Python Workshop @ room ECC804 (8th Floor); and</li>
  <li>- A Web Programming Workshop @ room ECC704 (7th Floor).</li>
</ul>
</p>
<p>Each workshop will be hosted two times per day across the duration of the event. The schedule is as
  follows:
<ul>
  <li>Round 1: 9:00 a.m. - 12:00 p.m.</li>
  <li>Round 2: 13:00 p.m. - 16:00 p.m.</li>
</ul>
</p>
<h3><u>The Registration for both of these workshops is now closed</u></h3>
<h2>Location:</h2>
<p>Address:
  <br>
  1 Soi Chalong Krung 1, Chalong Krung Road
  <br>
  Latkrabang, Lat Krabang
  <br>
  Bangkok 10520
  <br>
  Thailand
</p>
```

```
            <h3>Finally, we hope that you will enjoy this event. Wonderhoy!</h3>
            <hr>
          </div>
        </div>
      </div>
      <div class="contact">
        <table>
          <tr>
            <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
                  style="width: 150px" />
            <td>
          </tr>
          <tr>
            <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
          </tr>
          <tr>
            <td>
              <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
            </td>
          </tr>
          <tr>
            <td>
              <p>Email: saraban@kmitl.ac.th</p>
            </td>
          </tr>
```

```
<tr>
  <td>tel : +662-329-8301 ext. 200</td>
</tr>
<tr>
  <td><strong>Contact us</strong></td>
</tr>
<tr>
  <td>
    <div class="link">
      <a href="https://www.facebook.com/kmitlofficial">
        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
      <a href="https://www.instagram.com/kmitlofficial">
        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
      <a href="https://www.youtube.com/user/prKMITL">
        <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
      <a href="">
        <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
      </a>
    </div>
  </td>
```

```
        </tr>
      </table>
    </div>
    <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

11. News3.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Main Page</title>
    <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
    <div class="container">
      <label>
        <input type="checkbox">
        <div class="toggle">
          <span class="top_line common"></span>
          <span class="middle_line common"></span>
```

```
    <span class="bottom_line common"></span>
  </div>
  <div class="sidebar">
    <h1>Profile</h1>
    {% if alreadylogin %}
    <p style="color: rgb(255, 255, 255);">{{username}}</p>
    <br>
    <li><a class="sidebar-menu" href="/logout">Logout</a></li>
    {% else %}
    <ul>
      <li><a class="sidebar-menu" href="/login">login</a></li>
      <li><a class="sidebar-menu" href="/signup">signup</a></li>
    </ul>
    {% endif %}
    <br>
    <div class="sidebarnav">
      <li><a href="/">Home</a></li>
      <li><a href="/about">About</a></li>
      <li><a href="/admission">Admissions</a></li>
      <li><a href="/news">News</a></li>
      <div class="dropdown-side">
        <li><a class="dropbtn">Program</a>
          <div class="dropdown-content">
            <ul>
              <li><a href="/se2022">Software-Engineering 2022</a></li>
              <li><a href="/se2024">Software-Engineering 2024</a></li>
```

```
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
      </div>
    </div>
  </label>
  <div class="topnav">
    <li><a class="active" href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>
          </ul>
        </div>
      </li>
```

```
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>
      <div class="subheader">
        <h5><a href="/news">News</a> / Visit from U. of Queensland</h5>
      </div>
      <div class="containernews">
        <div class="news3content">
          <h3>Visit from U. of Queensland</h3>
          <hr>
          <img src="static/picture/news3.png" alt="pic3">
          <p>On 11 Oct 2022, our SE program was pleased to welcome representatives of Faculty of Engineering,
            Architecture and Information Technology, University of Queensland, Australia, including
          <ul>
            <li>Professor Aleksandar D. Rakić (Associate Dean, External Engagement)</li>
            <li>Ms Angela Li (International Engagement Manager)</li>
          </ul>
          <p>and Ms Pattarin Wirojchoochut, Education Manager at Austrade Bangkok. Founded in 1909, the
```

University of Queensland (UQ) is a prestigious research university located in Brisbane,

Queensland, Australia. UQ has consistently been ranked among the top 50 universities worldwide

in the QS World University Ranking. UQ's Faculty of Engineering, Architecture and Information

Technology has been at the forefront of scientific and technological research at the

international level. Like KMITL, the Faculty focuses on finding solutions and developing

innovations with real-world impact for the industry, the society, and the environment. The UQ

representatives and the management team of the SE program, led by Assistant Professor

Dr. Visit Hirankitti, discussed the possible collaborations between the Bachelor of

Computer Science program at the University of Queensland and the SE program at KMITL.

Both teams were pleased and excited with the prospect for our cooperation and will continue

to work out the details of the collaborations. Stay tuned for further updates!</p>

```
            </p>
            <hr>
        </div>
    </div>
  </div>
  <div class="contact">
    <table>
        <tr>
```

```
        <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
            style="width: 150px" />
        <td>
      </tr>
      <tr>
        <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
      </tr>
      <tr>
        <td>
          <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
        </td>
      </tr>
      <tr>
        <td>
          <p>Email: saraban@kmitl.ac.th</p>
        </td>
      </tr>
      <tr>
        <td>tel : +662-329-8301 ext. 200</td>
      </tr>
      <tr>
        <td><strong>Contact us</strong></td>
      </tr>
      <tr>
        <td>
```

```
            <div class="link">
                <a href="https://www.facebook.com/kmitlofficial">
                    <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
                <a href="https://www.instagram.com/kmitlofficial">
                    <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
                <a href="https://www.youtube.com/user/prKMITL">
                    <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
                <a href="">
                    <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                </a>
            </div>
        </td>
    </tr>
  </table>
 </div>
 <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

12. News4.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Main Page</title>
   <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
   <div class="container">
      <label>
         <input type="checkbox">
         <div class="toggle">
            <span class="top_line common"></span>
            <span class="middle_line common"></span>
            <span class="bottom_line common"></span>
         </div>
         <div class="sidebar">
            <h1>Profile</h1>
            {% if alreadylogin %}
            <p style="color: rgb(255, 255, 255);">{{username}}</p>
            <br>
            <li><a class="sidebar-menu" href="/logout">Logout</a></li>
```

```
{% else %}
<ul>
   <li><a class="sidebar-menu" href="/login">login</a></li>
   <li><a class="sidebar-menu" href="/signup">signup</a></li>
</ul>
{% endif %}
<br>
<div class="sidebarnav">
   <li><a href="/">Home</a></li>
   <li><a href="/about">About</a></li>
   <li><a href="/admission">Admissions</a></li>
   <li><a href="/news">News</a></li>
   <div class="dropdown-side">
      <li><a class="dropbtn">Program</a>
         <div class="dropdown-content">
            <ul>
               <li><a href="/se2022">Software-Engineering 2022</a></li>
               <li><a href="/se2024">Software-Engineering 2024</a></li>
               <li><a href="/glasgow">KMITL-GLASGOW</a></li>
               <li><a href="/queensland">KMITL-Queensland</a></li>
            </ul>
         </div>
      </li>
   </div>
   <li><a href="/studyanytime">Study Anytime</a></li>
</div>
```

```
        </div>
    </label>
    <div class="topnav">
        <li><a class="active" href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
            <li><a>Program</a>
                <div class="dropdown">
                    <ul>
                        <li><a href="/se2022">Software-Engineering 2022</a></li>
                        <li><a href="/se2024">Software-Engineering 2024</a></li>
                        <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                        <li><a href="/queensland">KMITL-Queensland</a></li>
                    </ul>
                </div>
            </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
              
            <img src="static/picture/se.png" alt="sepic" style="width: 75px;
height: 45px;">
        </div>
    </div>
    <div class="subheader">
```

<h5><a href="/news">News</a> / TALK: Introducing the KMITL - U. of Glasgow Double Degree Program</h5>

<h3>TALK: Introducing the KMITL - U. of Glasgow Double Degree Program</h3>

<hr>

<img src="static/picture/news4.png" alt="pic4"><br><br>

<h2>TALK: Introducing the KMITL - U. of Glasgow Double Degree Program in Software Engineering

and Biomedical Engineering</h2>

<p>Fri 11 November 2022, 14.00-15.30

<br>

Room ECC-804, ECC Building

<br>

School of Engineering, KMITL, Bangkok

<br>

Founded in 1451, University of Glasgow is one of the top-rank research universities in the UK.

The university has long been ranked one of the world’s top 100 universities by QS and Times.

In this talk, Ms. Donna Gall (Senior International Officer) is presenting an introduction

to University of Glasgow, the 2+2 programs in biomedical and software engineering,

and the application process. All are welcome. (No certificates are given to participants.)

<br>

```
            Limited seats. Register before Wed 9 Nov, 6pm, at <a
              href="https://bit.ly/3NK3LXG">https://bit.ly/3NK3LXG</a>
          </p>
          <hr>
        </div>
      </div>
    </div>
    <div class="contact">
      <table>
        <tr>
          <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
              style="width: 150px" />
          <td>
        </tr>
        <tr>
          <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
        </tr>
        <tr>
          <td>
            <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
          </td>
        </tr>
        <tr>
          <td>
            <p>Email: saraban@kmitl.ac.th</p>
```

```
            </td>
        </tr>
        <tr>
            <td>tel : +662-329-8301 ext. 200</td>
        </tr>
        <tr>
            <td><strong>Contact us</strong></td>
        </tr>
        <tr>
            <td>
                <div class="link">
                    <a href="https://www.facebook.com/kmitlofficial">
                        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.instagram.com/kmitlofficial">
                        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.youtube.com/user/prKMITL">
                        <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="">
                        <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
```

```
                </div>
            </td>
        </tr>
    </table>
  </div>
  <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

13. Program.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
```

```
    <span class="top_line common"></span>
    <span class="middle_line common"></span>
    <span class="bottom_line common"></span>
</div>
<div class="sidebar">
    <h1>Profile</h1>
    {% if alreadylogin %}
    <p style="color: rgb(255, 255, 255);">{{username}}</p>
    <br>
    <li><a class="sidebar-menu" href="/logout">Logout</a></li>
    {% else %}
    <ul>
        <li><a class="sidebar-menu" href="/login">login</a></li>
        <li><a class="sidebar-menu" href="/signup">signup</a></li>
    </ul>
    {% endif %}
    <br>
    <div class="sidebarnav">
        <li><a href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="dropdown-side">
            <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                    <ul>
```

```
                <li><a href="/se2022">Software-Engineering 2022</a></li>
                <li><a href="/se2024">Software-Engineering 2024</a></li>
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
      </div>
    </div>
  </label>
  <div class="topnav">
    <li><a class="active" href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
    <li><a href="/news">News</a></li>
    <div class="programbttn">
      <li><a>Program</a>
        <div class="dropdown">
          <ul>
            <li><a href="/se2022">Software-Engineering 2022</a></li>
            <li><a href="/se2024">Software-Engineering 2024</a></li>
            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
            <li><a href="/queensland">KMITL-Queensland</a></li>
          </ul>
```

```
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>


  </div>
  <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

14. Queensland.html

```
<!DOCTYPE html>
<html lang="en">


<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
```

```
</head>

<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
        {% if alreadylogin %}
        <p style="color: rgb(255, 255, 255);">{{username}}</p>
        <br>
        <li><a class="sidebar-menu" href="/logout">Logout</a></li>
        {% else %}
        <ul>
          <li><a class="sidebar-menu" href="/login">login</a></li>
          <li><a class="sidebar-menu" href="/signup">signup</a></li>
        </ul>
        {% endif %}
        <br>
        <div class="sidebarnav">
          <li><a href="/">Home</a></li>
```

```
            <li><a href="/about">About</a></li>
            <li><a href="/admission">Admissions</a></li>
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
              <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
          </div>
        </div>
      </label>
      <div class="topnav">
        <li><a href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
          <li><a class="active">Program</a>
```

```
            <div class="dropdown">
              <ul>
                <li><a href="/se2022">Software-Engineering 2022</a></li>
                <li><a href="/se2024">Software-Engineering 2024</a></li>
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>

              </ul>
            </div>
          </li>
        </div>

        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>

  </div>
  <div class="queensland" style="white-space: normal; overflow-wrap: break-word;">
      <h1><span style="font-size: 30px">KMITL-Queensland Double-Degree Program in Software Engineering</span></h1>

      <p> </p>
```

This double-degree program is under development and is expected to commence in

Academic Year 2024. Information provided on this page is subject to further

revision.

 

KMITL-Queensland Double-Degree Program in Software Engineering is

a collaboration between KMITL and the University of Queensland (UQ), Australia. The program enables

qualified students who have completed Year 2 in the Software Engineering program at KMITL to enter Years

3 and 4 of the Software Engineering program at the University of Queensland in Australia, and, upon

completion, be awarded with software engineering degrees from both KMITL and UQ. The collaborative

program aims to equip its students with advanced knowledge and skills of software engineering to prepare

them for careers in the international software industry, as well as for research and postgraduate study

in all computing-related fields.

 

```
    <hr>
  </div>

  <p> </p>

  <p><span style="font-size:27px">About the University of Queensland</span></p>

  <p> </p>

  <p><img alt="The University of Queensland | IncludeAbility"
      src="https://includeability.gov.au/sites/default/files/2021-08/UQlogo-Purple-rgb_800.jpg"
      style="height:376px; width:602px"></p>

  <p><span style="font-size:20px">The <a href="https://www.uq.edu.au/"
        style="color:#0563c1; text-decoration:underline"><span style="font-size:20px">University of
          Queensland (UQ)</span></a></span><span style="font-size:20px"> is a premier public research
      university located in Brisbane, Australia. Established in 1909, UQ has a rich heritage of fostering
      change through innovation and its contributions extend internationally</span></span></span><span
      style="font-size:20px"></span></span></span><span style="font-size:20px">. The university has
      consistently been ranked in the </span></span></span><span style="color:black"><a
```

href="https://www.topuniversities.com/universities/university-queensland"

style="color:#0563c1; text-decoration:underline"> top 50 universities

worldwide</a>. The <span

style="color:black"><a href="https://campuses.uq.edu.au/st-lucia"

style="color:#0563c1; text-decoration:underline"> main

campus</a> in the riverside suburb of St Lucia

is lauded for its picturesque and tranquil environment, while being easily accessible from the vibrant

downtown center of <a

href="https://visit.brisbane.qld.au/" style="color:#0563c1; text-decoration:underline"><span

style="font-size:20px">
Brisbane</a>. The

campus provides comprehensive infrastructure, world-class research facilities, state-of-the-art learning

spaces, and <a href="https://uqres.com/about-st-lucia/"

style="color:#0563c1; text-decoration:underline"> on-campus student

accommodations</a><span

style="font-size:20px">.</p>

```
<p><span style="font-size:20px">Building on this foundation of academic excellence, UQ's </span><a
href="https://my.uq.edu.au/programs-courses/plan.html?acad_plan=SOFTWE2455"
style="color:#0563c1; text-decoration:underline"><span style="font-size:20px"> Bachelor of Engineering
program in Software Engineering</span></a></span><span style="font-size:20px"> is well recognized
internationally and is accredited by </span></span></span><a
href="https://www.engineersaustralia.org.au/" style="color:#0563c1; text-decoration:underline"><span
style="font-size:20px"> Engineers Australia</span></span></a></span><span style="font-size:20px">.
The program boasts an up-to-date and flexible curriculum that emphasizes hands-on learning through
problems and projects from the real world. Students can expect to engage in both team and individual
projects, mirroring the collaborative nature of the industry and catering to future employment prospects
in diverse settings, from small firms to large multinational corporations</span></span></span><span
style="font-size:20px"></span></span></span><span
style="font-size:20px">.</span></span></span></span></span></span></p>

<p> </p>

<div style="text-align:center">
<hr>
```

```
</div>

<p> </p>

<p><span style="font-size:27px">Admissions</span></p>

<p><span style="font-size:14pt"> </span></span></span><span
style="font-size:20px"><span
style="font-size:20px"> Requirements for the students who wish to
join this
double-
degree program:</span></span></span></span></span></span></p>

<ul>
<li><span style="font-size:20px">Completed Year 2 of the B.Eng. in
Software Engineering program with GPA of
3.2 or more</span></li>
<li><span style="font-size:20px">IELTS score of 6.5 or more, with no
subtest below 6.0</span></li>
</ul>

<p> </p>

<div style="text-align:center">
<hr>
</div>
```

```
<p> </p>

<p><span style="font-size:27px">Degrees</span></p>

<p> </p>

<p><span style="font-size:20px">Students who have completed Year 4 of this double-degree program will be
    awarded a </span></p>

<p><span style="font-size:20px">BEng (Hons) degree in Software Engineering from the University of Queensland
  </span><span style="font-size:20px">and a B.Eng. degree in Software Engineering from KMITL</span></p>

<p> </p>


<div style="text-align:center">
  <hr>
</div>


<p> </p>

<p><span style="font-size:27px">Tuition Fees</span></p>
```

In Years 1-2, students in this double-degree program are to pay the KMITL

tuition fee at the standard rate of 90,000 Baht/Semester.

In Years 3-4, students are to pay the tuition fee and other fees as set out by

UQ. All students in the program will be eligible to receive special scholarships from UQ which partially

cover the fees at UQ. Details on the fees and scholarships will be announced soon.

 

<hr>

 

Application Process

Students apply to join this double-degree program when they are in the

2<sup>nd</sup> year of the B.Eng. in Software Engineering program at KMITL. Details on the application

process will be posted here soon.

```
    <p> </p>
  </div>
  <div class="contact">
    <table>
      <tr>
        <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
            style="width: 150px" />
        <td>
      </tr>
      <tr>
        <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
      </tr>
      <tr>
        <td>
          <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
        </td>
      </tr>
      <tr>
        <td>
          <p>Email: saraban@kmitl.ac.th</p>
        </td>
      </tr>
      <tr>
        <td>tel : +662-329-8301 ext. 200</td>
      </tr>
```

```
        <tr>
          <td><strong>Contact us</strong></td>
        </tr>
        <tr>
          <td>
            <div class="link">
              <a href="https://www.facebook.com/kmitlofficial">
                <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.instagram.com/kmitlofficial">
                <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.youtube.com/user/prKMITL">
                <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
            </div>
          </td>
        </tr>
      </table>
    </div>
```

```
<script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
</html>
```

15. Resetpassword.html

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Resetpassword Page</title>
    <link href="{{ url_for('static', path='resetpassword.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
    <div class="main">
        <div class="content">
            <div class="topnav">
                <li><a class="active" href="/"><b>SE@KMITL</b></a></li>
            </div>
            <div class="containertransition">
                <div class="container">
                    <h2>Password reset</h2>
                    {% if not sent %}
```

```
<div class="contentheadsub">
  <p>
    <span class="contentheadsubone">Enter your email to reset your password</span>
  </p>
</div>
<div class="contentboxfield">
  <form id="resetpassword" action="/user/resetPwd/" method="GET">
    <p>
      <input name="email" id="email" type="text" class="input-item" placeholder="E-mail *"
        required>
    </p>
    <div class="contentbutton">
      <button type="submit" value="submit">Send</button>
    </div>
  </form>
</div>
{% else %}
<div class="contentheadsub">
  <p>
    <span class="contentheadsubone">The reset password link has been sent to your email</span>
  </p>
</div>
{% endif %}
```

```
                <div class="contentbuttonsub">
                  <p>
                    <span class="contentbuttonsubone">Remember your
password?</span>
                    <span>
                      <a href="/login">Sign in here</a>
                    </span>
                  </p>
                </div>
              </div>
            </div>
          </div>
        </div>
</body>
</html>
```

16. se2022.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet"
type="text/css">
</head>
```

```
<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
        {% if alreadylogin %}
        <p style="color: rgb(255, 255, 255);">{{username}}</p>
        <br>
        <li><a class="sidebar-menu" href="/logout">Logout</a></li>
        {% else %}
        <ul>
          <li><a class="sidebar-menu" href="/login">login</a></li>
          <li><a class="sidebar-menu" href="/signup">signup</a></li>
        </ul>
        {% endif %}
        <br>
        <div class="sidebarnav">
          <li><a href="/">Home</a></li>
          <li><a href="/about">About</a></li>
          <li><a href="/admission">Admissions</a></li>
```

```
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
              <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
          </div>
        </div>
      </label>
      <div class="topnav">
        <li><a href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
          <li><a class="active">Program</a>
            <div class="dropdown">
              <ul>
```

```
                <li><a href="/se2022">Software-Engineering 2022</a></li>
                <li><a href="/se2024">Software-Engineering 2024</a></li>
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>

              </ul>
            </div>
          </li>
        </div>

        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>

      <div class="se2022" style="white-space: normal; overflow-wrap: break-word;">
        <h1><span>B.Eng. in Software Engineering Program</span></h1>
        <p> </p>
        <p><span style="font-size:20px">The<strong> B.Eng. in Software Engineering Program </strong>is a 4-year
            undergraduate program aiming at producing graduates who are capable of working confidently in the
            international software industry as well as pursuing postgraduate study and research in leading
```

universities worldwide. The curriculum of the program is designed in accordance with the recent

ACM/IEEE guideline for undergraduate curriculum in software engineering.

 

<h2>Program Structure</h2>

 

<img alt="New SE Curriculum Overview" src="https://se.kmitl.ac.th/assets/NewSECurriculumOverview.png"

style="height:100%; width:100%">

<h2>Year 1 and Year 2</h2>

 

In the first two years, the students will study basic courses in

mathematics, computer science, and software engineering and develop their programming skills

using various programming languages (including Python, C, C++, Java, etc.). Also, the

students will be trained to communicate correctly and effectively. At the end of Year 2,

every student is required to undertake an internship in a software company for 8 - 10 weeks.

All the courses in the first two years will be held at the International College in the

Bangkok Campus of KMITL.

```
</div>
 
<div>
  <h2><span style="font-size:27px">Year 3 and Year 4(KMITL)</span></h2>
</div>
 
<div>
  <p><span style="font-size:20px">In Year 3 and Year 4, the students will learn advanced topics in
      software engineering and important software development methodologies that are used in
      practice. The students will have opportunities to the apply the knowledge and skills they
      have acquired to conduct a team software project in Year 3 and a one-year research project
      in Year 4. Students entering Year 3 are required to take one of the following
      specializations:</span></p>
  <ol>
    <li>
      <p><span style="font-size:20px"><strong>Enterprise Software Engineering</strong> -
          Specializing inlarge and complex software for enterprises and distributed
          systems</span></p>
    </li>
    <li>
```

Internet of Things - Specializing in the

Internet of Things, including embedded and mobile systems

</li>

<li>

Intelligent Systems - Specializing in

applications of artificial intelligence and data science, including machine learning

and Big Data

</li>

</ol>

The study plans for these three specializations differ in some

required courses. Also the students are recommended to toe work on their senior projects

that utilize the knowledge of their respective specializations.

 

<h2>Year 3 and Year 4 (KMITL-Glasgow Double-Degree

Program)</h2>

```
                 
                <div>
                  <p><span style="font-size:20px">The students joining the KMITL-Glasgow Double-DegreeProgram
                        will take courses in Years 3 and 4 in the Software Engineering program at the
                        Schoolof Computing Science, University of Glasgow.</span></p>
                </div>
              </div>
            </div>
          </div>
        </div>
        <div class="contact">
          <table>
            <tr>
              <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
                  style="width: 150px" />
              <td>
            </tr>
            <tr>
              <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
            </tr>
            <tr>
              <td>
                <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
```

```
            </td>
        </tr>
        <tr>
            <td>
                <p>Email: saraban@kmitl.ac.th</p>
            </td>
        </tr>
        <tr>
            <td>tel : +662-329-8301 ext. 200</td>
        </tr>
        <tr>
            <td><strong>Contact us</strong></td>
        </tr>
        <tr>
            <td>
                <div class="link">
                    <a href="https://www.facebook.com/kmitlofficial">
                        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.instagram.com/kmitlofficial">
                        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.youtube.com/user/prKMITL">
                        <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
```

```
                    </a>
                    <a href="">
                      <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                  </div>
                </td>
              </tr>
            </table>
          </div>
          <script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
```

17. se2024.html

```
<!DOCTYPE html>
<html lang="en">

<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Main Page</title>
   <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>
<body>
   <div class="container">
```

```
<label>
  <input type="checkbox">
  <div class="toggle">
    <span class="top_line common"></span>
    <span class="middle_line common"></span>
    <span class="bottom_line common"></span>
  </div>
  <div class="sidebar">
    <h1>Profile</h1>
    {% if alreadylogin %}
    <p style="color: rgb(255, 255, 255);">{{username}}</p>
    <br>
    <li><a class="sidebar-menu" href="/logout">Logout</a></li>
    {% else %}
    <ul>
      <li><a class="sidebar-menu" href="/login">login</a></li>
      <li><a class="sidebar-menu" href="/signup">signup</a></li>
    </ul>
    {% endif %}
    <br>
    <div class="sidebarnav">
      <li><a href="/">Home</a></li>
      <li><a href="/about">About</a></li>
      <li><a href="/admission">Admissions</a></li>
      <li><a href="/news">News</a></li>
      <div class="dropdown-side">
```

```
            <li><a class="dropbtn">Program</a>
              <div class="dropdown-content">
                <ul>
                  <li><a href="/se2022">Software-Engineering 2022</a></li>
                  <li><a href="/se2024">Software-Engineering 2024</a></li>
                  <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                  <li><a href="/queensland">KMITL-Queensland</a></li>
                </ul>
              </div>
            </li>
          </div>
          <li><a href="/studyanytime">Study Anytime</a></li>
        </div>
      </div>
    </label>
    <div class="topnav">
      <li><a href="/">Home</a></li>
      <li><a href="/about">About</a></li>
      <li><a href="/admission">Admissions</a></li>
      <li><a href="/news">News</a></li>
      <div class="programbttn">
        <li><a class="active">Program</a>
          <div class="dropdown">
            <ul>
              <li><a href="/se2022">Software-Engineering 2022</a></li>
              <li><a href="/se2024">Software-Engineering 2024</a></li>
```

```
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>

              </ul>
            </div>
          </li>
        </div>
        <li><a href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img src="static/picture/se.png" alt="sepic" style="width: 75px; height: 45px;">
        </div>
      </div>
      <div class="se2024" style="white-space: normal; overflow-wrap: break-word;">
        <h1><span>B.Eng. in Software Engineering Program</span></h1>

        <p> </p>

        <p><span style="font-size:20px">The <strong>B.Eng. in Software Engineering Program </strong>is a
            4-year undergraduate program aiming at producing graduates who are capable of working confidently in
            the international software industry as well as pursuing postgraduate study and research in leading
            universities worldwide. The curriculum of the program is designed in accordance with the recent
```

ACM/IEEE guideline for undergraduate curriculum in software engineering.

 

<h2>Curriculum Overview - Study Plans</h2>

 




 

<h2>Year 1 and Year 2</h2>

 

In the first two years, the students will study basic courses in

mathematics, computer science, and software engineering and develop their programming skills using

various programming languages (including Python, C, C++, Java, etc.). Also, the students will be

trained to communicate correctly and effectively. At the end of Year 2, every student is required to

undertake an internship in a software company for 8 - 10 weeks. All the courses in the first two

years will be held at the International College in the Bangkok Campus of KMITL.

 

<h2>Year 3 and Year 4(KMITL)</h2>

 

In Year 3 and Year 4, the students will learn advanced topics in software

engineering and important software development methodologies that are used in practice. The students

will have opportunities to the apply the knowledge and skills they have acquired to conduct a team

software project in Year 3 and a one-year research project in Year 4. Students entering Year 3 are

required to take one of the following specializations:

<ol>

<li>

Metaverse Software Engineering - Specializing

inlarge and complex software for enterprises and digital transformation.

</li>

<li>

Industrial Internet of Things - Specializing in the

Internet of Things, including embedded and mobile systems.

</li>

<li>

Artificial Intelligence - Specializing in

applications of artificial intelligence and data science, including machine learning and Big

Data.

</li>

</ol>

The study plans for these three specializations differ in some required

courses. Also the students are recommended to toe work on their senior projects that utilize the

knowledge of their respective specializations.

 

<h2>Year 3 and Year 4 (KMITL-Glasgow Double-Degree Program)</h2>

 

The students joining the KMITL-Glasgow Double-Degree Program will take

courses in Years 3 and 4 in the Software Engineering program at the School of Computing Science,

University of Glasgow.

```
<p> </p>

<p> </p>

<h2><span style="font-size:27px">Year 3 and Year 4 (KMITL-Queensland Double-Degree Program)</span></h2>

<p> </p>

<p><span style="font-size:20px">The students joining the KMITL-Queensland Double-Degree Program will take
        courses in Years 3 and 4 in Software Engineering Program at the Faculty of Engineering, Architecture
        and Information Technology, University of Queensland.</span></p>
    </div>
    <div class="contact">
      <table>
        <tr>
          <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
              style="width: 150px" />
          <td>
        </tr>
        <tr>
          <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
        </tr>
        <tr>
```

```
            <td>
                <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
            </td>
        </tr>
        <tr>
            <td>
                <p>Email: saraban@kmitl.ac.th</p>
            </td>
        </tr>
        <tr>
            <td>tel : +662-329-8301 ext. 200</td>
        </tr>
        <tr>
            <td><strong>Contact us</strong></td>
        </tr>
        <tr>
            <td>
                <div class="link">
                    <a href="https://www.facebook.com/kmitlofficial">
                        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.instagram.com/kmitlofficial">
                        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.youtube.com/user/prKMITL">
```

```
                <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
            <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
        </div>
    </td>
  </tr>
 </table>
</div>

<div class="contact">
 <table>
  <tr>
    <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt="" 
            style="width: 150px" />
    <td>
  </tr>
  <tr>
    <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
  </tr>
  <tr>
    <td>
```

```
            <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
          </td>
        </tr>
        <tr>
          <td>
            <p>Email: saraban@kmitl.ac.th</p>
          </td>
        </tr>
        <tr>
          <td>tel : +662-329-8301 ext. 200</td>
        </tr>
        <tr>
          <td><strong>Contact us</strong></td>
        </tr>
        <tr>
          <td>
            <div class="link">
              <a href="https://www.facebook.com/kmitlofficial">
                <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.instagram.com/kmitlofficial">
                <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
              </a>
              <a href="https://www.youtube.com/user/prKMITL">
```

```
                <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
            <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
            </a>
        </div>
    </td>
  </tr>
 </table>
</div>
<script src="{{ url_for('static', path='index.js') }}" type="text/Javascript"></script>
</body>
```

18. Signup.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sign up Page</title>
  <link href="{{ url_for('static', path='signup.css') }}" rel="stylesheet" type="text/css">
</head>
<body>
```

```
<div class = "main">
  <div class = "content">
    <div class="topnav">
      <li><a class="active" href="/"><b>SE@KMITL</b></a></li>
    </div>
    <div class="containertransition">
      <div class="container">
        <img src="{{ url_for('static', path='/picture/se.png') }}" alt="SE PICTURE" style="height: 70px; width:180;">
        <div class="header">
          <h2>Sign up</h2>
        </div>
        {% if invalid %}
          <p style="color: red;">Already exist</p>
        {% endif %}
        <div class="contentboxfield">
          <form id="signup-form" action="/user/signUp/" method="POST">
            <p>
              <input name="id" id="id" type="text" class="input-item" placeholder="ID (If you are student or lecturer of KMITL)">
            </p>
            <p>
              <input name="first_name" id="first_name" type="text" class="input-item" placeholder="Firstname *" required>
            </p>
            <p>
```

```
                <input name="last_name" id="last_name" type="text" class="input-item" placeholder="Lastname *" required>
            </p>
            <p>
                <input name="email" id="email" type="text" class="input-item" placeholder="E-mail *" required>
            </p>
            <p>
                <input name="password" id="password" type="password" class="input-item" placeholder="Password *" required>
            </p>
            <p>
                <input type="radio" name="role" id="student" value="student" required>
                <label for="student" class="radio-label">Student</label>

                <input type="radio" name="role" id="lecturer" value="lecturer" required>
                <label for="lecturer" class="radio-label">Lecturer</label>

                <input type="radio" name="role" id="others" value="others" required>
                <label for="others" class="radio-label">Others</label>
            </p>
            <div class="contentbutton">
                <button type="submit">Sign up</button>
            </div>
        </form>
```

```
            </div>
            <div class="contentbuttonsub">
              <p>
                <span class="contentbuttonsubone">Already have an account?</span>
                <span>
                  <a href="/login">Log in</a>
                </span>
              </p>
            </div>
          </div>
        </div>
      </div>
    </div>
</body>
</html>
```

19. Studyanytime.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Main Page</title>
  <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
```

```
</head>

<body>
  <div class="container">
    <label>
      <input type="checkbox">
      <div class="toggle">
        <span class="top_line common"></span>
        <span class="middle_line common"></span>
        <span class="bottom_line common"></span>
      </div>
      <div class="sidebar">
        <h1>Profile</h1>
        {% if alreadylogin %}
        <p style="color: rgb(255, 255, 255);">{{username}}</p>
        <br>
        <li><a class="sidebar-menu" href="/logout">Logout</a></li>
        {% else %}
        <ul>
          <li><a class="sidebar-menu" href="/login">login</a></li>
          <li><a class="sidebar-menu" href="/signup">signup</a></li>
        </ul>
        {% endif %}
        <br>
        <div class="sidebarnav">
          <li><a href="/">Home</a></li>
```

```
            <li><a href="/about">About</a></li>
            <li><a href="/admission">Admissions</a></li>
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
              <li><a class="dropbtn">Program</a>
                <div class="dropdown-content">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
          </div>
        </div>
      </label>
      <div class="topnav">
        <li><a href="/">Home</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/admission">Admissions</a></li>
        <li><a href="/news">News</a></li>
        <div class="programbttn">
          <li><a>Program</a>
```

```
                <div class="dropdown">
                  <ul>
                    <li><a href="/se2022">Software-Engineering 2022</a></li>
                    <li><a href="/se2024">Software-Engineering 2024</a></li>
                    <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                    <li><a href="/queensland">KMITL-Queensland</a></li>
                  </ul>
                </div>
              </li>
            </div>
            <li><a class="active" href="/studyanytime">Study Anytime</a></li>
            <div class="sepic">
                
              <img src="static/picture/se.png" alt="sepic" style="width: 75px;
height: 45px;">
            </div>
          </div>
        </div>
        <!-- The Modal -->
        <div id="myModal" class="modal">
          <div class="modal-content">
            <div class="modal-header">
              <p></p><br>
              <h2>Login Required</h2>
              <br>
              <p></p>
            </div>
```

```
        <div class="modal-body">
            <br><br>
            <p>You must be signed in to access this page. Click the "Login" button
to log in.</p>
            <br><br>
        </div>
        <div class="modal-footer">
            <h3><br>
                <p>
                    <a href="/login"><button>Login</button></a>
                </p>
                <br>
            </h3>
        </div>
    </div>
  </div>
  <br><br><br><br>
  <div class="videoplayback">
    <br><br>
    <h1>Study Anytime</h1>
  </div>
  <div class="add_course">
    {% if role == "lecturer" %}
    <div class="coursetransition">
        <div class="addheader">
            <h1>Add course:</h1>
        </div>
```

```
    </div>
    <form id="add-form" action="/course/new/" method="POST">
      <p>
        <label for="course_name" id="course_name">Course name</label>
        <input name="course_name" id="course_name" type="text" placeholder="course name" required>
      </p>
      <p>
        <label for="course_id" id="course_id">Course id</label>
        <input name="course_id" id="course_id" type="text" placeholder="course id"
          oninput="validateNumberInput(this)" required>
        <script>
          function validateNumberInput(input) {
            // Remove non-numeric characters from the input value
            input.value = input.value.replace(/[^0-9]/g, '');
          }
        </script>
      </p>
      <p>
        <label for="course_public" id="course_public">Public</label>
        <input name="course_public" id="course_public" type="checkbox" value="on">
      </p>
      <div>
        <input type="submit" value="add">
      </div>
```

```
    </form>
    {% endif %}
  </div>
  {% if role == "lecturer" or role == "student" %}
  <div class="enrolled_course">
    <div class="coursetransition">
      <div class="enrollheader">
        <h1>Enrolled Courses:</h1>
      </div>
    </div>
    {% for course in enrolled %}
    <div>
      <a href="/studyanytime/course/{{course.id}}">
        <div>
          <b>{{course.id}}</b>
          {{course.name}}
        </div>
        by {{instructor_db[course.instructor].first_name}} {{instructor_db[course.instructor].last_name}}
      </a>
    </div>
    {% endfor %}
  </div>
  {% endif %}
  <div class="course_split">
    <div class="available_course">
      <div class="coursetransition">
```

```
            <div class="availableheader">
                <h1>Public Courses:</h1>
            </div>
        </div>
        {% for course in other %}
        {% if course.public %}
        <div>
            <a href="/studyanytime/course/{{course.id}}">
                <div>
                    <b>{{course.id}}</b>
                    {{course.name}}
                </div>
                by {{instructor_db[course.instructor].first_name}} {{instructor_db[course.instructor].last_name}}
            </a>
        </div>
        {% endif %}
        {% endfor %}
    </div>
    <div class="available_course">
        <div class="coursetransition">
            <div class="availableheader">
                {% if role == "lecturer" or role == "student" %}
                <h1>Other Courses:</h1>
                {% else %}
                <h1>Enrollment Courses:</h1>
                {% endif %}
```

```
            </div>
        </div>
        {% for course in other %}
        {% if not course.public %}
        <div>
            <a href="/studyanytime/course/{{course.id}}">
                <div>
                    <b>{{course.id}}</b>
                    {{course.name}}
                </div>
                by {{instructor_db[course.instructor].first_name}} {{instructor_db[course.instructor].last_name}}
            </a>
        </div>
        {% endif %}
        {% endfor %}
    </div>
  </div>
  <div class="contact">
    <table>
        <tr>
            <td rowspan="7" style="width:15% ;"><img src="static/picture/kmitl-logo.png" alt=""
                style="width: 150px" />
            <td>
        </tr>
        <tr>
```

```
<td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
</tr>
<tr>
<td>
<p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
</td>
</tr>
<tr>
<td>
<p>Email: saraban@kmitl.ac.th</p>
</td>
</tr>
<tr>
<td>tel : +662-329-8301 ext. 200</td>
</tr>
<tr>
<td><strong>Contact us</strong></td>
</tr>
<tr>
<td>
<div class="link">
<a href="https://www.facebook.com/kmitlofficial">
<img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
</a>
<a href="https://www.instagram.com/kmitlofficial">
```

```
                <img src="/static/picture/ig-icon.png" alt="" style="width:20px;
height:20px;" />
            </a>
            <a href="https://www.youtube.com/user/prKMITL">
                <img src="/static/picture/youtube-icon.png" alt="" 
style="width:20px; height:20px;" />
            </a>
            <a href="">
                <img src="/static/picture/linkedin-icon.png" alt="" 
style="width:20px; height:20px;" />
            </a>
          </div>
        </td>
      </tr>
    </table>
  </div>
  <script src="{{ url_for('static', path='studyanytime.js') }}" 
type="text/Javascript"></script>
</body>
</html>
```

20. Videoplayer.html

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Main Page</title>
    <link href="{{ url_for('static', path='index.css') }}" rel="stylesheet" type="text/css">
</head>

<body>
    <div class="container">
        <label>
            <input type="checkbox">
            <div class="toggle">
                <span class="top_line common"></span>
                <span class="middle_line common"></span>
                <span class="bottom_line common"></span>
            </div>
            <div class="sidebar">
                <h1>Profile</h1>
                {% if alreadylogin %}
                <p style="color: rgb(255, 255, 255);">{{username}}</p>
                <br>
                <li><a class="sidebar-menu" href="/logout">Logout</a></li>
                {% else %}
                <ul>
                    <li><a class="sidebar-menu" href="/login">login</a></li>
                    <li><a class="sidebar-menu" href="/signup">signup</a></li>
                </ul>
                {% endif %}
```

```
        <br>
        <div class="sidebarnav">
            <li><a href="/">Home</a></li>
            <li><a href="/about">About</a></li>
            <li><a href="/admission">Admissions</a></li>
            <li><a href="/news">News</a></li>
            <div class="dropdown-side">
                <li><a class="dropbtn">Program</a>
                    <div class="dropdown-content">
                        <ul>
                            <li><a href="/se2022">Software-Engineering 2022</a></li>
                            <li><a href="/se2024">Software-Engineering 2024</a></li>
                            <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                            <li><a href="/queensland">KMITL-Queensland</a></li>
                        </ul>
                    </div>
                </li>
            </div>
            <li><a href="/studyanytime">Study Anytime</a></li>
        </div>
    </div>
</label>
<div class="topnav">
    <li><a href="/">Home</a></li>
    <li><a href="/about">About</a></li>
    <li><a href="/admission">Admissions</a></li>
```

```
        <li><a href="/news">News</a></li>
        <div class="programbttn">
          <li><a>Program</a>
            <div class="dropdown">
              <ul>
                <li><a href="/se2022">Software-Engineering 2022</a></li>
                <li><a href="/se2024">Software-Engineering 2024</a></li>
                <li><a href="/glasgow">KMITL-GLASGOW</a></li>
                <li><a href="/queensland">KMITL-Queensland</a></li>
              </ul>
            </div>
          </li>
        </div>
        <li><a class="active" href="/studyanytime">Study Anytime</a></li>
        <div class="sepic">
            
          <img  src="{{  url_for('static',  path='/picture/se.png')  }}"  alt="sepic"
style="width: 75px; height: 45px;">
        </div>
      </div>
    </div>
    <!-- The Modal -->
    <div id="myModal" class="modal">
      <div class="modal-content">
        <div class="modal-header">
          <p></p><br>
          <h2>Login Required</h2>
```

```
            <br>
            <p></p>
        </div>
        <div class="modal-body">
            <br><br>
            <p>You must be signed in to access this page. Click the "Login" button
to log in.</p>
            <br><br>
        </div>
        <div class="modal-footer">
            <h3><br>
                <p>
                    <a href="/login"><button>Login</button></a>
                </p>
                <br>
            </h3>
        </div>
    </div>
  </div>
  <div class="videocontainer">
    <div class="videoplayback">
        <h1>Video Playback</h1>
        <h2>{{course.id}} {{course.name}}: {{video_name}}</h2>
        <video width="640" height="360" controls preload="metadata">
            <source
src="http://127.0.0.1:8000/video/{{course.id}}/{{video_name}}"
type="video/mp4">
```

```
            Your browser does not support the video tag.
        </video>
    </div>
    <hr>
    <div class="videosidebar">
        <h1>Videos in this course: </h1>
        {% for video in course.videos %}
        <a href="/studyanytime/course/video/{{course.id}}/{{video}}">
            {% if video.title == video_name %}
            <div class="playing">
                <b>{{video}}</b>
            </div>
            {% else %}
            <div class="not-playing">
                {{video}}
            </div>
            {% endif %}
        </a>
        {% endfor %}
    </div>
  </div>
  <div class="forum">
    <h3>Forum</h3>
    <form action="/video/{{course.id}}/{{video_name}}" method="POST">
        <label for="post_content">Create Post:</label>
        <textarea id="post_content" name="post_content"
required></textarea>
```

```
        <br>
        <button type="submit">Post</button>
    </form>
    {% for f in forum %}
    <div>
        <b>  {{f.user}}</b>
        <div class="forum-content">
              {{f.content}}
        </div>
        <br>
        <button class="expand-replies">Expand forum</button>
        <div class="replies" style="display: none;">
            <div>
                {% for r in f.reply %}
                <b><i>  {{r.user}}</i></b>
                <div class="forum-content">
                    <i>  {{r.content}}</i>
                </div>
                <br>
                {% endfor %}
            </div>
            <form action="/video/{{course.id}}/{{video_name}}/{{loop.index - 1}}"
method="POST">
                <label for="post_content">Reply:</label>
                <textarea id="post_content" name="post_content"
required></textarea>
                <br>
```

```
                <button type="submit">Reply</button>
            </form>
        </div>
    </div>
    {% endfor %}

    <script>
        // Add a click event listener to all buttons with the class "expand-replies"
        document.querySelectorAll('.expand-replies').forEach(function (button) {
            button.addEventListener('click', function () {
                // Find the closest "replies" div to the clicked button and toggle its
display style
                var repliesDiv = button.parentElement.querySelector('.replies');
                if (repliesDiv) {
                    repliesDiv.style.display = (repliesDiv.style.display === 'none') ?
'block' : 'none';
                }
            });
        });
    </script>

    <a href="/studyanytime/course/{{course.id}}">
        <button type="submit">Back</button>
    </a>
  </div>
  <div class="contact">
    <table>
```

```
<tr>
  <td rowspan="7" style="width:15% ;"><img src="{{ url_for('static', path='/picture/kmitl-logo.png') }}" alt=""
      style="width: 150px" />
  <td>
</tr>
<tr>
  <td><strong style="color:#FF8000;">King Mongkut's Institute of Technology LadKrabang</strong></td>
</tr>
<tr>
  <td>
    <p>1 Chalong Krung, 1 Alley, Lat Krabang, Bangkok 10520</p>
  </td>
</tr>
<tr>
  <td>
    <p>Email: saraban@kmitl.ac.th</p>
  </td>
</tr>
<tr>
  <td>tel : +662-329-8301 ext. 200</td>
</tr>
<tr>
  <td><strong>Contact us</strong></td>
</tr>
<tr>
```

```
            <td>
                <div class="link">
                    <a href="https://www.facebook.com/kmitlofficial">
                        <img src="/static/picture/facebook-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.instagram.com/kmitlofficial">
                        <img src="/static/picture/ig-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="https://www.youtube.com/user/prKMITL">
                        <img src="/static/picture/youtube-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                    <a href="">
                        <img src="/static/picture/linkedin-icon.png" alt="" style="width:20px; height:20px;" />
                    </a>
                </div>
            </td>
        </tr>
    </table>
  </div>
  <script src="{{ url_for('static', path='studyanytime.js') }}" type="text/Javascript"></script>
</body>
</html>
```

Python

1. Course.py

```
import persistent

class Forum(persistent.Persistent):
    def __init__(self, user, content) -> None:
        self.user = user
        self.content = content

class Heading(Forum):
    def __init__(self, user, content) -> None:
        super().__init__(user, content)
        self.reply = []

class Video(persistent.Persistent):
    def __init__(self, title) -> None:
        self.title = title
        self.heading = []

    def addForum(self, forum):
        self.heading.append(forum)

    def __str__(self):
        return self.title

class Course(persistent.Persistent):
```

```
    def __init__(self, id, name, instructor, public) -> None:
        self.id = id
        self.name = name
        self.instructor = instructor
        self.public = public
        self.videos = []
        self.student_list = []

    def __str__(self):
        return f"Course ID: {self.id}, Course Name: {self.name}, Instructor: {self.instructor}, Is Public: {self.public}, Number of Videos: {len(self.videos)}"

    def isIn(self, video):
        if any(video.title == v.title for v in self.videos):
            return True
        return False

    def addVideo(self, video):
        self.videos.append(video)

    def enrollStudent(self, student_id):
        self.student_list.append(student_id)
```

2. Database.py

```
import ZODB, ZODB.FileStorage
import BTrees.OOBTree
```

```
from course import *
from user import *

storage = ZODB.FileStorage.FileStorage("db/data.fs")
db = ZODB.DB(storage)
connection = db.open()
root = connection.root



if not hasattr(root, "course"):
    root.course = BTrees.OOBTree.BTree()
if not hasattr(root, "instructor"):
    root.instructor = BTrees.OOBTree.BTree()
if not hasattr(root, "student"):
    root.student = BTrees.OOBTree.BTree()
if not hasattr(root, "otherUser"):
    root.otherUser = BTrees.OOBTree.BTree()

# == USER
================================================================
========
def check_user(root_class, id, pwd):
    if root_class[id].password == pwd:
        return True
    return False

def get_user(id):
```

```
    if id in root.student.keys():
        return root.student[id]
    elif id in root.instructor.keys():
        return root.instructor[id]
    elif id in root.otherUser.keys():
        return root.otherUser[id]

    return Exception


# == COURSE
==================================================================
========
def get_all_courses(user_id, rootdb):
    return [course for course in rootdb[user_id].courses]

def get_course(id):
    if id in root.course.keys():
        return root.course[id]

    return Exception("Course Does not Exist")

def get_video_names(course):
    names = []
    for video in course.videos:
        names.append(str(video.title))
```

```
    return names

def get_video(course_id, video_name):
    for video in root.course[course_id].videos:
        print(video.__dict__)
        if video_name == video.title:
            return video
    return []

def isCourseValid(user_id, course_id):
    if root.course[course_id].public:
        return True

    return True if course_id in get_user(user_id).courses else False
```

3. Main.py

```
import os
import shutil
from typing import Optional
from fastapi import FastAPI, Request, Response, UploadFile, HTTPException, Cookie, Query, Form
from fastapi.responses import HTMLResponse, RedirectResponse, StreamingResponse
from fastapi.templating import Jinja2Templates
from fastapi.staticfiles import StaticFiles
from pathlib import Path
```

```
from database import *
from auth.auth_handler import *

import transaction
import logging

app = FastAPI()
templates = Jinja2Templates(directory="templates")
logging.basicConfig(level=logging.DEBUG)

if __name__ == "__main__":
    import uvicorn
    uvicorn.run(app, host="127.0.0.1", port=8000, reload=True)

app.mount("/static", StaticFiles(directory="static"), name="static")


# == connect to main(default) page ==========================================================
@app.get("/", response_class=HTMLResponse)
async def read_root(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
```

```
    return templates.TemplateResponse("index.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
  except:
    return templates.TemplateResponse("index.html", {"request": request, "alreadylogin": False})


@app.on_event("shutdown")
async def shutdown():
  transaction.commit()
  db.close()


# == connect to login page ==============================================================
@app.get("/login", response_class=HTMLResponse)
async def login(request: Request):
  return templates.TemplateResponse("login.html", {"request": request, "invalid": False})


# == connect to sign up page ==============================================================
@app.get("/signup", response_class=HTMLResponse)
async def signup(request: Request):
  return templates.TemplateResponse("signup.html", {"request": request, "invalid": False})


# == connect to resetpassword page ==================================================
@app.get("/resetpassword", response_class=HTMLResponse)
```

```
async def resetpassword(request: Request):
    return templates.TemplateResponse("resetpassword.html", {"request": request, "sent": False})

# == connect to logout page ==============================================================
@app.get("/logout", response_class=HTMLResponse)
async def logout(response: Response, request: Request):
    response.delete_cookie("access_token")
    return RedirectResponse(url="/", status_code=302, headers={"Set-Cookie": f"access_token={None}; Path=/"})

# == connect to about page ==============================================================
@app.get("/about", response_class=HTMLResponse)
async def about(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("about.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("about.html", {"request": request, "alreadylogin": False})
```

```
# == connect to admission page ==========================================================
@app.get("/admission", response_class=HTMLResponse)
async def admission(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("admission.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("admission.html", {"request": request, "alreadylogin": False})


# == connect to news page ==========================================================
@app.get("/news", response_class=HTMLResponse)
async def news(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("news.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
```

```
    return templates.TemplateResponse("news.html", {"request": request, "alreadylogin": False})


@app.get("/news1", response_class=HTMLResponse)
async def news(request: Request, access_token: str = Cookie(None)):
  try:
    token = decodeJWT(access_token)
    id = token["id"]
    role = token["role"]
    username = f"{get_user(id).first_name} {get_user(id).last_name}"
    return templates.TemplateResponse("news1.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
  except:
    return templates.TemplateResponse("news1.html", {"request": request, "alreadylogin": False})


@app.get("/news2", response_class=HTMLResponse)
async def news(request: Request, access_token: str = Cookie(None)):
  try:
    token = decodeJWT(access_token)
    id = token["id"]
    role = token["role"]
    username = f"{get_user(id).first_name} {get_user(id).last_name}"
    return templates.TemplateResponse("news2.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
  except:
    return templates.TemplateResponse("news2.html", {"request": request, "alreadylogin": False})
```

```
@app.get("/news3", response_class=HTMLResponse)
async def news(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("news3.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("news3.html", {"request": request, "alreadylogin": False})


@app.get("/news4", response_class=HTMLResponse)
async def news(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("news4.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("news4.html", {"request": request, "alreadylogin": False})
```

```
# == connect to program page ==========================================================
@app.get("/se2022", response_class=HTMLResponse)
async def se2022(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("se2022.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("se2022.html", {"request": request, "alreadylogin": False})


@app.get("/se2024", response_class=HTMLResponse)
async def se2024(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("se2024.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("se2024.html", {"request": request, "alreadylogin": False})
```

```
@app.get("/glasgow", response_class=HTMLResponse)
async def glasgow(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("glasgow.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("glasgow.html", {"request": request, "alreadylogin": False})


@app.get("/queensland", response_class=HTMLResponse)
async def queensland(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        return templates.TemplateResponse("queensland.html", {"request": request, "alreadylogin": True, "username": username, "role": role})
    except:
        return templates.TemplateResponse("queensland.html", {"request": request, "alreadylogin": False})
```

```
# == connect to studyanytime page ==========================================================
@app.get("/studyanytime", response_class=HTMLResponse)
async def studyanytime(request: Request, access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        user = get_user(id)
        username = f"{user.first_name} {user.last_name}"

        root_db = None
        match role:
            case "student":
                root_db = root.student
                id = int(id)
            case "lecturer":
                root_db = root.instructor
                id = int(id)
            case "others":
                root_db = root.otherUser
            case _:
                raise HTTPException(404, detail="value_error: Invalid role")

        enrolled_courses = [root.course[c] for c in get_all_courses(id, root_db)]
        enrolled = [enroll for enroll in enrolled_courses if enroll.id in user.courses]
```

```
        other_courses = [root.course[c] for c in root.course]
        other = [o for o in other_courses if o.id not in user.courses]
        instructor_db = root.instructor

        return templates.TemplateResponse("studyanytime.html", {"request": request, "alreadylogin": True, "username": username, "role": role, "enrolled" : enrolled, "other": other, "instructor_db": instructor_db})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("studyanytime.html", {"request": request, "alreadylogin": False})


@app.get("/studyanytime/course/{course_id}", response_class=HTMLResponse)
async def studyanytime(request: Request, course_id : str, access_token : str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"
        course = await get_course(int(course_id))
        videos = get_video_names(course)
        isInstructor = True if course.instructor == id else False
        isPublic = course.public
        enrolled = True if id in course.student_list or course.public else False
        student_list = [get_user(name) for name in course.student_list]
```

```
        return templates.TemplateResponse("course.html", {"request": request, "alreadylogin": True, "username": username, "role": role, "course_id": course_id, "isInstructor": isInstructor, "isPublic": isPublic, "enrolled": enrolled, "videos": videos, "student_list": student_list})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("course.html", {"request": request, "alreadylogin": False})


@app.get("/studyanytime/course/video/{course_id}/{video_name}", response_class=HTMLResponse)
async def studyanytime(request: Request, course_id : int, video_name : str, access_token : str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        id = token["id"]
        role = token["role"]
        username = f"{get_user(id).first_name} {get_user(id).last_name}"

        course = await get_course(course_id)
        forum = []

        for video in course.videos:
            if video_name == video.title:
                forum = video.heading
                break
```

```
        return templates.TemplateResponse("videoplayer.html", {"request": request, "alreadylogin": True, "username": username, "role": role, "course": course, "video_name": video_name, "forum" : forum})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("videoplayer.html", {"request": request, "alreadylogin": False})



# == CLEAR DB ====================================================
@app.delete("/clear_user_db")
async def clear_user_db():
    root.instructor = BTrees.OOBTree.BTree()
    root.student = BTrees.OOBTree.BTree()
    root.otherUser = BTrees.OOBTree.BTree()

@app.delete("/clear_course_db")
async def clear_course_db():
    root.course = BTrees.OOBTree.BTree()

    shutil.rmtree(VIDEO_DIR, ignore_errors=True)
    os.makedirs(VIDEO_DIR, exist_ok=True)

# == VERIFY JWT ====================================================
@app.get("/verify_token")
async def verify_token(request: Request, access_token: str = Cookie(None)):
```

```
    if decodeJWT(access_token) == None:
        return False
    else:
        return True

# == VIDEO PLAYER ==================================================================================
VIDEO_DIR = Path("db/course_videos")

@app.get("/video/{course_id}/{video_name}")
async def get_video(course_id: int, video_name: str):
    video_path = VIDEO_DIR / str(course_id) / video_name
    try:
        if not course_id in root.course.keys():
            raise HTTPException(404, detail="db_error: Course not found")

        if not root.course[course_id].isIn(Video(video_name)):
            raise HTTPException(404, detail="db_error: Video not found")

        if not video_path.is_file():
            raise HTTPException(404, detail="fs_error: Video not found")

        video_size = video_path.stat().st_size

        def iter_file():
            with open(video_path, "rb") as video_file:
```

```
            while chunk := video_file.read(65536):  # Adjust the chunk size as needed
                yield chunk

    return StreamingResponse(iter_file(), media_type="video/mp4", headers={"Accept-Ranges": "bytes", "Content-Length": str(video_size)})

  except Exception as e:
    print(e)
    raise e

@app.post("/video/upload/{course_id}")
async def delete_file(request: Request, course_id: int, file: UploadFile, access_token : str = Cookie(None)):
  COURSE_DIR = VIDEO_DIR / str(course_id)
  try:
    token = decodeJWT(access_token)
    id = token["id"]
    role = token["role"]
    username = f"{get_user(id).first_name} {get_user(id).last_name}"
    course = await get_course(int(course_id))
    videos = get_video_names(course)
    isInstructor = True if course.instructor == id else False
    isPublic = course.public
    enrolled = True if id in course.student_list or course.public else False
    student_list = [get_user(name) for name in course.student_list]
```

```
if not id in root.instructor.keys():
    raise HTTPException(404, detail="db_error: Instructor not found")

file_path = COURSE_DIR / file.filename

if root.course[course_id].isIn(Video(file.filename)):
    raise HTTPException(404, detail="db_error: Video with the same filename already exists")

if file_path.is_file():
    raise HTTPException(404, detail="fs_error: Video with the same filename already exists")

with open(file_path, "wb") as f:
    f.write(file.file.read())

temp_course = Course(root.course[course_id].id, root.course[course_id].name, root.course[course_id].instructor, root.course[course_id].public)
for c in root.course[course_id].videos:
    temp_course.addVideo(c)
temp_course.addVideo(Video(file.filename))

for c in root.course[course_id].student_list:
    temp_course.enrollStudent(c)
root.course[course_id] = temp_course
```

```
        transaction.commit()
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("course.html", {"request": request, "alreadylogin": True, "username": username, "role": role, "course_id": course_id, "isInstructor": isInstructor, "isPublic": isPublic, "enrolled": enrolled, "videos": videos, "student_list": student_list})


@app.post("/video/delete/{course_id}/{video_name}")
async def delete_file(request: Request, course_id: int, video_name: str, access_token : str = Cookie(None)):
    COURSE_DIR = VIDEO_DIR / str(course_id)
    try:
        token = decodeJWT(access_token)
        instructor_id = token["id"]
        course = await get_course(int(course_id))

        if instructor_id != course.instructor:
            raise HTTPException(404, detail="permission_error: Invalid access")

        file_path = COURSE_DIR / video_name

        if not (root.course[course_id].isIn(Video(video_name))):
            raise HTTPException(404, detail="db_error: Video does not exist")
```

```
        if not file_path.is_file():
            raise HTTPException(404, detail="fs_error: Video does not exist")

        os.remove(file_path)

        temp_course = Course(root.course[course_id].id, root.course[course_id].name, root.course[course_id].instructor, root.course[course_id].public)
        for c in root.course[course_id].videos:
            if c.title != video_name:
                temp_course.addVideo(c)

        for c in root.course[course_id].student_list:
            temp_course.enrollStudent(c)
        root.course[course_id] = temp_course

        transaction.commit()
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        raise e

@app.post("/video/{course_id}/{video_name}", response_class=HTMLResponse)
async def add_comment(request: Request, course_id: int, video_name: str, post_content: str = Form(...), access_token: str = Cookie(None)):
```

```
    token = decodeJWT(access_token)
    id = token["id"]
    role = token["role"]
    username = f"{get_user(id).first_name} {get_user(id).last_name}"

    temp_course = Course(root.course[course_id].id,
root.course[course_id].name, root.course[course_id].instructor,
root.course[course_id].public)
    for video in root.course[course_id].videos:
        temp_video = Video(video.title)
        for h in video.heading:
            temp_heading = Heading(h.user, h.content)
            for f in h.reply:
                temp_heading.reply.append(f)
            temp_video.addForum(temp_heading)

        if video_name == video.title:
            temp_video.addForum(Heading(id, post_content))
            forum = temp_video.heading

        temp_course.addVideo(temp_video)

    for c in root.course[course_id].student_list:
        temp_course.enrollStudent(c)

    root.course[course_id] = temp_course
    course = await get_course(course_id)
```

```
    transaction.commit()

    return templates.TemplateResponse("videoplayer.html", {"request": request, "alreadylogin": True, "username": username, "role": role, "course": course, "video_name": video_name, "forum" : forum})


@app.post("/video/{course_id}/{video_name}/{heading_no}", response_class=HTMLResponse)
async def add_reply(request: Request, course_id: int, video_name: str, heading_no: int, post_content: str = Form(...), access_token: str = Cookie(None)):
    token = decodeJWT(access_token)
    id = token["id"]
    role = token["role"]
    username = f"{get_user(id).first_name} {get_user(id).last_name}"

    temp_course = Course(root.course[course_id].id, root.course[course_id].name, root.course[course_id].instructor, root.course[course_id].public)
    for video in root.course[course_id].videos:
        count = 0
        temp_video = Video(video.title)
        for h in video.heading:
            temp_heading = Heading(h.user, h.content)
            for f in h.reply:
                temp_heading.reply.append(f)

            if video_name == video.title and count == heading_no:
```

```
            temp_heading.reply.append(Forum(id, post_content))

        temp_video.addForum(temp_heading)

        count += 1

    temp_course.addVideo(temp_video)

  for c in root.course[course_id].student_list:
    temp_course.enrollStudent(c)
  root.course[course_id] = temp_course

  transaction.commit()

  return
RedirectResponse(url=f"/studyanytime/course/video/{course_id}/{video_nam
e}", status_code=302, headers={"Set-Cookie": f"access_token={access_token};
Path=/"})

#                                        ==                                        USER
HANDLER==========================================================
===============

@app.post("/user/signIn/")

async def signIn(response: Response, request: Request, id: str = Form(...),
password: str = Form(...), role: str = Form(...)):

  try:

    root_db = None

    match role:
```

```
        case "student":
            root_db = root.student
            id = int(id)
        case "lecturer":
            root_db = root.instructor
            id = int(id)
        case "others":
            root_db = root.otherUser
        case _:
            raise HTTPException(404, detail="value_error: Invalid role")

    if check_user(root_db, id, password):
        access_token = signJWT(id, role)
        response.set_cookie(key="access_token", value=access_token)

        return RedirectResponse(url="/", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})

    raise Exception
  except Exception:
    return templates.TemplateResponse("login.html", {"request": request, "invalid": True})

@app.post("/user/signUp/")
async def signUp(response: Response, request: Request, id: str = Form(...), first_name: str = Form(...), last_name: str = Form(...), email: str = Form(...), password: str = Form(...), role: str = Form(...)):
```

```
try:
    if id.isnumeric():
        if (int(id) in root.student.keys()) or (int(id) in root.instructor.keys()):
            raise HTTPException(404, detail="db_error: User already exists")
    else:
        if id in root.otherUser.keys():
            raise HTTPException(404, detail="db_error: User already exists")

    match role:
        case "student":
            root_db = root.student
            id = int(id)
            root_db[id] = Student(id, first_name, last_name, email, password)
        case "lecturer":
            root_db = root.instructor
            id = int(id)
            root_db[id] = Instructor(id, first_name, last_name, email, password)
        case "others":
            root_db = root.otherUser
            root_db[id] = OtherUser(id, first_name, last_name, email, password)
        case _:
            raise HTTPException(404, detail="value_error: Invalid role")

    transaction.commit()

    access_token = signJWT(id, role)
```

```
        response.status_code = 200
        response.set_cookie(key="access_token", value=access_token)

        return RedirectResponse(url="/", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("signup.html", {"request": request, "invalid": True})

from reset_pwd import*

@app.get("/user/resetPwd/")
async def resetPwd(request: Request, email: str = Query(...)):
    try:
        found = False

        for u in root.student:
            user = get_user(u)
            if email == user.email:
                found = user
                break

        if not found:
            for u in root.instructor:
                user = get_user(u)
                if email == user.email:
```

```
            found = user
            break

    if not found:
        for u in root.otherUser:
            user = get_user(u)
            if email == user.email:
                found = user
                break

    if not found:
        raise Exception("User not found")

    payload = {
        "id" : user.id,
        "exp" : time.time() + 600
    }
    token = jwt.encode(payload, SECRET_KEY, ALGORITHM)

    reciever_email = email
    body = f"click this link to reset your password: \nhttp://127.0.0.1:8000/user/resetPwd/{token}\n\nThis link will be valid only for 10 mins."
    email_body = MIMEText(body, "plain")

    message = MIMEMultipart()
    message["From"] = SENDER_EMAIL
```

```
        message["To"] = reciever_email
        message["Subject"] = SUBJECT
        message.attach(email_body)

        with smtplib.SMTP(SMTP_SERVER, SMTP_PORT) as server:
            server.starttls()
            server.login(SMTP_USERNAME, SMTP_PASSWORD)
            server.sendmail(SENDER_EMAIL, reciever_email, message.as_string())

        print("Email sent successfully!")

        print(found)
        return templates.TemplateResponse("resetpassword.html", {"request": request, "sent": True})
    except Exception as e:
        print(e)
        return templates.TemplateResponse("resetpassword.html", {"request": request, "sent": True})

@app.get("/user/resetPwd/{token}")
async def redirectToResetPwd(request: Request, token: str):
    return templates.TemplateResponse("newpass.html", {"request": request, "token": token})

@app.post("/user/resetPwd/{token}")
async def resetPwd(request: Request, token: str, new_password: str = Form(...)):
    try:
```

```
        id = decodeJWT(token)["id"]
        user = get_user(id)

        user.password = new_password

        transaction.commit()
        return RedirectResponse(url="/login", status_code=302)
    except Exception as e:
        print(e)
        return RedirectResponse(url="/", status_code=302)

@app.post("/enroll/{course_id}")
async def enroll(course_id: int, student_id: str = Form(...), access_token : str =
Cookie(None)):
    try:
        user = get_user(int(student_id))
        if course_id in user.courses:
            raise HTTPException(404, detail="Already Enrolled")

        course = await get_course(course_id)

        student_id = int(student_id)
        temp_user = Student(root.student[student_id].id,
root.student[student_id].first_name, root.student[student_id].last_name,
root.student[student_id].email, root.student[student_id].password)
        for c in root.student[student_id].courses:
            temp_user.enrollCourse(c)
```

```
        temp_user.enrollCourse(course.id)
        root.student[student_id] = temp_user

        temp_course = Course(root.course[course_id].id, root.course[course_id].name, root.course[course_id].instructor, root.course[course_id].public)
        for c in root.course[course_id].student_list:
            temp_course.enrollStudent(c)
        temp_course.enrollStudent(student_id)

        for c in root.course[course_id].videos:
            temp_course.addVideo(c)
        root.course[course_id] = temp_course

        transaction.commit()
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})

@app.post("/withdraw/{course_id}/{student_id}")
async def withdraw(course_id: int, student_id: int, access_token : str = Cookie(None)):
    try:
```

```
        user = get_user(student_id)
        temp_user = Student(user.id, user.first_name, user.last_name, user.email, user.password)
        for c in user.courses:
            temp_user.enrollCourse(c)
        temp_user.courses.remove(course_id)
        root.student[student_id] = temp_user
        print(temp_user.__dict__)

        course = await get_course(course_id)
        temp_course = Course(course.id, course.name, course.instructor, course.public)
        for c in root.course[course_id].student_list:
            temp_course.enrollStudent(c)
        temp_course.student_list.remove(student_id)
        root.course[course_id] = temp_course
        print(temp_course.__dict__)

        transaction.commit()
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return RedirectResponse(url=f"/studyanytime/course/{course_id}", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
```

```
# == USER STUDENT ==========================================================================
@app.get("/user/student/{id}")
async def get_student(id: str):
    if id == "all":
        return root.student
    else:
        id = int(id)
        return root.student[id] if id in root.student.keys() else {"error": "Student not found"}

# == USER INSTRUCTOR ==========================================================================
@app.get("/user/instructor/{id}")
async def get_instructor(id: str):
    if id == "all":
        return root.instructor
    else:
        id = int(id)
        return root.instructor[id] if id in root.instructor.keys() else {"error": "Instructor not found"}

# == USER OTHERS ==========================================================================
@app.get("/user/other/{username}")
```

```
async def get_other(username: str):
    if username == "all":
        return root.otherUser
    else:
        return root.otherUser[username] if username in root.otherUser.keys() else {"error": "OtherUser not found"}


# == COURSE ==========================================================================
@app.get("/course/{course_id}")
async def get_course(course_id: str):
    if course_id == "all":
        return root.course
    else:
        return root.course[int(course_id)] if int(course_id) in root.course.keys() else {"error": "Course not found"}


@app.post("/course/new/", response_class=HTMLResponse)
async def post_course(request: Request, course_id: str = Form(...), course_name: str = Form(...), course_public: Optional[str] = Form(default="off"), access_token: str = Cookie(None)):
    try:
        token = decodeJWT(access_token)
        instructor_id = token["id"]
        is_public = course_public.lower() == "on"
        if int(course_id) in root.course.keys():
            raise HTTPException(404, detail="db_error: Course already exists")
```

```
        if not int(instructor_id) in root.instructor.keys():
            raise HTTPException(404, detail="db_error: Instructor not found")

        course_directory = VIDEO_DIR / course_id
        course_directory.mkdir(parents=True)

        root.course[int(course_id)] = Course(int(course_id), course_name, instructor_id, is_public)

        temp_instructor = Instructor(int(instructor_id), root.instructor[int(instructor_id)].first_name, root.instructor[int(instructor_id)].last_name, root.instructor[int(instructor_id)].email, root.instructor[int(instructor_id)].password)
        for c in root.instructor[int(instructor_id)].courses:
            temp_instructor.enrollCourse(c)
        temp_instructor.enrollCourse(int(course_id))
        root.instructor[int(instructor_id)] = temp_instructor

        transaction.commit()

        return RedirectResponse(url="/studyanytime", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return RedirectResponse(url="/studyanytime", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
```

```
@app.post("/course/remove/{course_id}", response_class=HTMLResponse)
async def remove_course(request: Request, course_id: int, access_token: str = Cookie(None)):
    COURSE_DIR = VIDEO_DIR / str(course_id)
    try:
        token = decodeJWT(access_token)
        instructor_id = token["id"]
        course = await get_course(course_id)
        if course_id not in root.course.keys():
            raise HTTPException(404, detail="db_error: Course does not already exists")

        if instructor_id != course.instructor:
            raise HTTPException(404, detail="permission_error: Invalid access")

        for s in root.student:
            student = root.student[s]
            temp_user = Student(student.id, student.first_name, student.last_name, student.email, student.password)
            for c in student.courses:
                temp_user.enrollCourse(c)

            if course_id in temp_user.courses:
                temp_user.courses.remove(course_id)

            root.student[s] = temp_user
```

```
        for i in root.instructor:
            instructor = root.instructor[i]
            temp_user = Instructor(instructor.id, instructor.first_name, instructor.last_name, instructor.email, instructor.password)
            for c in instructor.courses:
                temp_user.enrollCourse(c)

            if course_id in temp_user.courses:
                temp_user.courses.remove(course_id)

            root.instructor[i] = temp_user

        root.course.pop(course_id)
        shutil.rmtree(COURSE_DIR, ignore_errors=True)

        transaction.commit()

        return RedirectResponse(url="/studyanytime", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})
    except Exception as e:
        print(e)
        return RedirectResponse(url="/studyanytime", status_code=302, headers={"Set-Cookie": f"access_token={access_token}; Path=/"})

# == CHECK TOKEN ==================================================================================
```

```
@app.get("/is_token_valid")
async def is_token_valid(request: Request):
    try:
        access_token = request.cookies.get("access_token")
        if decodeJWT(access_token) != None:
            return token_response(access_token)
        raise HTTPException(status_code=401, detail="Token is invalid or expired")
    except KeyError:
        raise HTTPException(status_code=401, detail="Token not found in cookies")
    except Exception as e:
        raise HTTPException(status_code=500, detail="Internal Server Error")
```

4. Reset_pwd.py

```
import smtplib
from email.mime.text import MIMEText
from email.mime.multipart import MIMEMultipart

# Email configuration
SENDER_EMAIL = "studyanytime.project@gmail.com"
SUBJECT = "Study Anywhere: reset password link"

# SMTP server configuration
SMTP_SERVER = "smtp.gmail.com"
SMTP_PORT = 587
SMTP_USERNAME = "studyanytime.project@gmail.com"
SMTP_PASSWORD = "etso edcv cpwx fwzw"
```

5. User.py

```
import persistent

class User(persistent.Persistent):
    def __init__(self, first_name, last_name, email, password) -> None:
        self.first_name = first_name
        self.last_name = last_name
        self.password = password
        self.email = email
        self.courses = []

    def enrollCourse(self, course):
        self.courses.append(course)

class Instructor(User):
    def __init__(self, id, first_name, last_name, email, password) -> None:
        super().__init__(first_name, last_name, email, password)
        self.id = id

    def __str__(self):
        return f" ID: {self.id}, {self.first_name} {self.last_name}, Number of courses:
{len(self.courses)}"

class Student(User):
    def __init__(self, id, first_name, last_name, email, password) -> None:
        super().__init__(first_name, last_name, email, password)
        self.id = id
```

```
    def __str__(self):
        return f"ID: {self.id}, {self.first_name} {self.last_name}, Number of enrolls: {len(self.courses)}"


class OtherUser(User):
    def __init__(self, username, first_name, last_name, email, password) -> None:
        super().__init__(first_name, last_name, email, password)
        self.username = username

    def __str__(self):
        return f"Username: {self.username}, {self.first_name} {self.last_name}, Number of enrolls: {len(self.enrolls)}"
```

6. Auth_bearer.py

```
from fastapi import Request, HTTPException
from fastapi.security import HTTPBearer, HTTPAuthorizationCredentials

from .auth_handler import decodeJWT


class JWTBearer(HTTPBearer):
    def __init__(self, auto_error: bool = True):
        super(JWTBearer, self).__init__(auto_error=auto_error)

    async def __call__(self, request: Request):
```

```
    credentials: HTTPAuthorizationCredentials = await super(JWTBearer, self).__call__(request)
    if credentials:
        if not credentials.scheme == "Bearer":
            raise HTTPException(status_code=403, detail="Invalid authentication scheme.")
        if not self.verify_jwt(credentials.credentials):
            raise HTTPException(status_code=403, detail="Invalid token or expired token.")
        return credentials.credentials
    else:
        raise HTTPException(status_code=403, detail="Invalid authorization code.")


  def verify_jwt(self, jwtoken: str) -> bool:
    isTokenValid: bool = False


    try:
        payload = decodeJWT(jwtoken)
    except:
        payload = None
    if payload:
        isTokenValid = True
    return isTokenValid
```

7. Auth_handler.py

```
import time
```

```
import jwt


SECRET_KEY = "4cb39b4e3b4034b4ad19c8d5dec5293a"
ALGORITHM = "HS256"

def token_response(token: str):
    return{
        "access_token" : token
    }

def signJWT(id: str, role: str):
    payload = {
        "id" : id,
        "role" : role,
        "exp" : time.time() + 2628000
    }

    token = jwt.encode(payload, SECRET_KEY, ALGORITHM)
    return token

def decodeJWT(token: str):
    try:
        decode_token = jwt.decode(token, SECRET_KEY, ALGORITHM)
        return decode_token if decode_token["exp"] >= time.time() else None
    except:
```

```
    return None
```

CSS

1. Index.css

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
body {
  margin: 0;
  font-family: Sans-serif, bold;
  align-items: center;
  justify-content: center;
}

.container {
  display: flex;
  flex-wrap: wrap;
}

.sidebarnav {
  display: none;
}

.sidebarnav a {
```

```
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 20px;
  color: #818181;
  display: block;
  transition: 0.3s;
}

.sidebarnav a:hover {
  color: #f2f2f2;
  background-color: #e17420;
}

.sidebar-menu {
  padding: 8px 8px 8px 32px;
  text-decoration: none;
  font-size: 20px;
  color: #818181;
  display: block;
  transition: 0.3s;
}

.sidebar-menu:hover {
  color: #f2f2f2;
  background-color: #e17420;
}
```

```
.sub-menu {
  background: #262627;
  display: none;
  padding: 80px;
}


.dropdown-side {
  display: inline-block;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: #868686;
  box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
  width: auto;
}

.dropdown-content ul {
  list-style: none;
  padding: 0;
  margin: 0;
}
```

```
.dropdown-content a {
  text-decoration: none;
  color: #2e2e2e;
  display: block;
  padding: 8px 8px 8px 32px;
  font-size: 16px;
  transition: 0.3s;
}

.dropdown-content a:hover {
  color: #f2f2f2;
  background-color: #e17420;
}

.dropdown-side:hover .dropdown-content {
  display: block;
}



@media screen and (max-width: 800px) {
  .sidebarnav {
    display: block;
  }
}

@media screen and (max-width: 800px) {
```

```
  .topnav li {
    display: none;
  }
}

.topnav {
  background-color: #333;
  width: 100%;
  height: 95px;
  display: flex;
  align-items: center;
  position: fixed;
  align-items: center;
  justify-content: center;
  position: fixed;
  z-index: 98;
  box-shadow: 0 9px 50px hsla(0, 1%, 31%, 0.31);
}

.topnav li {
  list-style: none;
}

.topnav a {
  color: #f2f2f2;
  text-align: center;
```

```
  padding: 14px 16px;
  text-decoration: none;
  font-size: 17px;
  justify-content: space-between;
}

.topnav a:hover {
  background-color: #ddd;
  color: black;
}

.topnav a.active {
  background-color: #e17420;
  color: white;
}

.topnav a.active:hover {
  background-color: #616161;
  color: white;
}

.sepic {
  display: flex;
  align-items: center;
}
```

```
/* .program */
/* dropdownprogram */
.dropdown {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0, 0, 0, 0.2);
  z-index: 1;
}

.dropdown a {
  color: black;
  padding: 12px 16px;
  text-decoration: none;
  display: block;
  text-align: left;
}

.dropdown a:hover {
  background-color: #f1f1f1;
}

.programbttn:hover .dropdown {
  display: flex;
}
```

```
.topnav a:hover {
  background-color: #ddd;
  color: black;
}

.topnav a.active {
  background-color: #e17420;
  color: white;
}

.topnav a.active:hover {
  background-color: #616161;
  color: white;
}


.sepic {
  display: flex;
  align-items: center;
}

.sidebar {
  height: 100%;
  width: 180px;
  position: fixed;
```

```
  background-color: #333;
  transition: 0.5s ease;
  transform: translateX(-180px);
  z-index: 1;
}

.sidebar p {
  margin-left: 10px;
}
.sidebar h1 {
  padding: 125px 0;
  padding-right: 10px;
  text-align: center;
  pointer-events: none;
  color: #ddd;
}

.sidebar li {
  list-style: none;
}
.sidebar li a {
  color: #ddd;
  margin-left: 10px;
}
.sidebar ul li {
  list-style: none;
```

```
}

.sidebar ul li a {
  list-style: none;
  display: block;
  color: #fff;
  text-transform: capitalize;
  text-decoration: none;
  transition: 0.2s ease-out;
}

.toggle {
  position: fixed;
  height: 40px;
  width: 40px;
  top: 25px;
  left: 25px;
  z-index: 99;
  cursor: pointer;
  border-radius: 2px;
  background-color: #e17420;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);
}

.toggle .common {
  position: absolute;
```

```
  height: 2px;
  width: 20px;
  background-color: rgb(255, 255, 255);
  border-radius: 50px;
  transition: 0.3s ease;
}

.toggle .top_line {
  top: 30%;
  left: 50%;
  transform: translate(-50%, -50%);
}

.toggle .middle_line {
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
}
.toggle .bottom_line {
  top: 70%;
  left: 50%;
  transform: translate(-50%, -50%);
}

input:checked ~ .toggle .top_line {
  left: 7px;
```

```
  top: 19px;
  width: 25px;
  transform: rotate(45deg);
}

input:checked ~ .toggle .bottom_line {
  left: 7px;
  top: 19px;
  width: 25px;
  transform: rotate(-45deg);
}

input:checked ~ .toggle .middle_line {
  opacity: 0;
  transform: translateX(20px);
}

input:checked ~ .sidebar {
  transform: translateX(0);
  box-shadow: 0 0 15px rgba(0, 0, 0, 00.5s);
}

.slideshow {
  min-height: 100vh;
  display: flex;
  align-items: center;
```

```
  justify-content: center;
  background: #909090;
}

.wrapper {
  display: flex;
  margin-top: 80px;
  max-width: 950px;
  width: 100%;
  height: 500px;
  background: #fff;
  align-items: center;
  justify-content: center;
  border-radius: 12px;
  box-shadow: 0 5px 10px rgba(0, 0, 0, 0.1);
}
.wrapper i.button {
  position: absolute;
  top: 60%;
  transform: translateY(-50%);
  height: 36px;
  width: 36px;
  background-color: #333;
  border-radius: 50%;
  text-align: center;
  line-height: 36px;
```

```
  color: #fff;
  font-size: 15px;
  transition: all 0.3s linear;
  z-index: 100;
  cursor: pointer;
}
i.button:active {
  transform: scale(0.94) translateY(-50%);
}
i#prev {
  left: 185px;
}
i#next {
  right: 185px;
}

@media (max-width: 1400px) {
  i#prev {
    display: none;
  }
  i#next {
    display: none;
  }
}

.image-container {
```

```
  height: 450px;
  max-width: 900px;
  width: 100%;
  overflow: hidden;
}

.image-container .carousel {
  display: flex;
  height: 100%;
  width: 100%;
  transition: all 0.4s ease;
}
.carousel img {
  height: 100%;
  width: 100%;
  border-radius: 18px;
  border: 10px solid #fff;
  object-fit: cover;
}

/* The Modal (background) */
.modal {
  display: none; /* Hidden by default */
  position: fixed; /* Stay in place */
  z-index: 1; /* Sit on top */
  padding-top: 100px; /* Location of the box */
```

```
  left: 0;
  top: 0;
  width: 100%; /* Full width */
  height: 100%; /* Full height */
  overflow: auto; /* Enable scroll if needed */
  background-color: rgb(0, 0, 0); /* Fallback color */
  background-color: rgba(0, 0, 0, 0.4); /* Black w/ opacity */
}

/* Modal Content */
.modal-content {
  position: relative;
  background-color: #fefefe;
  margin: auto;
  padding: 0;
  border: 1px solid #888;
  width: 80%;
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
  -webkit-animation-name: animatetop;
  -webkit-animation-duration: 0.4s;
  animation-name: animatetop;
  animation-duration: 0.4s;
}

.modal-body {
  font-size: 20px;
```

```
}

.modal-header {
  font-size: 30px;
}

.modal-footer button {
  margin-top: 20px;
  padding: 5px 10px;
  background-color: #ddd;
  color: #333;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  font-size: 20px;
  transition: background-color 0.3s ease-in-out;
  margin-left: 20px;
}

.modal-footer button:hover {
  background-color: #ffffff;
}

/* Add Animation */
@-webkit-keyframes animatetop {
  from {
```

```
    top: -300px;
    opacity: 0;
  }
  to {
    top: 0;
    opacity: 1;
  }
}

@keyframes animatetop {
  from {
    top: -300px;
    opacity: 0;
  }
  to {
    top: 0;
    opacity: 1;
  }
}

/* The Close Button */
.close {
  color: white;
  float: right;
  font-size: 28px;
  font-weight: bold;
```

```
}

.close:hover,
.close:focus {
  color: #000;
  text-decoration: none;
  cursor: pointer;
}

.modal-header {
  padding: 2px 16px;
  background-color: #e17420;
  color: white;
}

.modal-body {
  padding: 2px 16px;
}

.modal-footer {
  padding: 2px 16px;
  background-color: #e17420;
  color: white;
}

/* about page */
```

```
.block1 {
  background-color: #f2f2f2;
  margin-top: 70px;
  padding: 50px;
  width: 100%;
  height: auto;
}

.block1 h2,
.block1 p {
  margin-left: 5%;
}

.block2 {
  background-color: #e6e6e6;
  padding: 50px;
  width: 100%;
  height: auto;
}

.block2 p,
.block2 h2 {
  margin-left: 5%;
  font-size: 20px;
  line-height: 2;
  color: #333;
```

```
}

.block3 {
  background-color: #f2f2f2;
  padding: 50px;
  width: 100%;
  height: auto;
}

.block3 p,
.block3 h2,
.block3 ul li {
  margin-left: 5%;
  font-size: 20px;
  line-height: 1.7;
  color: #333;
}

.block4 {
  background-color: #e6e6e6;
  padding: 50px;
  width: 100%;
  height: auto;
}

.block4 p,
```

```
.block4 h2,
.block4 ul li {
  margin-left: 5%;
  font-size: 20px;
  line-height: 1.7;
  color: #333;
}

.block5 {
  background-color: #f2f2f2;
  padding: 50px;
  width: 100%;
  height: auto;
}

.block5 p,
.block5 h2,
.block5 ul li {
  margin-left: 5%;
  font-size: 20px;
  line-height: 2;
  color: #333;
}

.container p {
  font-size: 20px;
```

```
  line-height: 2;
  color: #333;
}

.container h2 {
  font-size: 20px;
  line-height: 2;
  color: #333;
}

.container ul li {
  margin-bottom: 10px;
}

.lecturers {
  font-size: 20px;
  margin-bottom: 10px;
}
/* about */


/* contact */
.contact {
  display: block;
  width: 100%;
  height: 200px;
```

```
  flex-direction: column;
  padding-top: 35px;
  padding-left: 25px;
}
.contact td {
  width: 50%;
}
.contact td {
  width: 50%;
}

.link img {
  margin-top: 5px;
  margin-right: 10px;
}
/* contact */




/* news */
.content {
  margin-top: 120px;
  padding: 20px;
  background-color: #fff;
  margin-left: auto;
  margin-right: auto;
```

```
}

.contentheader h2 {
  font-size: 30px;
  margin-bottom: 35px;
  margin-left: 5%;
}

@media screen and (max-width: 800px) {
  .allnews {
    margin-left: 0;
    justify-content: center;
  }

  .newsblock {
    flex: 0 0 calc(100% - 20px);
    margin-bottom: 20px;
  }
}

.allnews {
  display: flex;
  flex-wrap: wrap;
  gap: 20px;
  margin-left: 5%;
  justify-content: space-between;
```

```
}

.newsblock a {
  text-decoration: none;
}

.newsblock img {
  width: 100%;
  max-width: 600px;
  min-width: 288px;
  height: auto;
  border-radius: 30px;
  border: 1px solid #333;
}

.newsblock p {
  font-size: 20px;
  margin-top: 20px;
  text-align: center;
}

.newsblock {
  flex: 0 0 calc(50% - 20px);
  border: 1px solid #ccc;
  padding: 20px;
  cursor: pointer;
```

```
  transition: transform 0.3s ease-in-out;
  border-radius: 10px;
  border: 1px solid #333;
}

.newsblock:hover {
  background-color: #f5f5f5;
  transform: scale(1.05);
}

.subheader {
  margin-top: 110px;
}

.subheader h5 {
  color: #e17420;
  font-size: 20px;
}

.subheader a {
  text-decoration: none;
  color: #333;
}

.subheader a:hover {
  text-decoration: underline;
```

```
}

/* Style the news1content */
.news1content {
  margin-top: 20px;
}

.news1content h3 {
  color: #333;
  font-size: 30px;
}

.news1content hr {
  border: 1px solid #ddd;
  margin: 15px 0;
}

.news1content img {
  max-width: 100%;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}

.news1content p {
  color: #555;
```

```
  font-size: 20px;
  line-height: 1.5;
  margin-top: 10px;
}

.news1content ul {
  list-style-type: disc;
  margin-left: 20px;
}

.news1content li {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}

.containernews {
  margin: 30px;
  padding: 20px;
  background-color: #e1dddd;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 40px;
}
/* style news 2 */
.news2content {
```

```
  margin-top: 10px;
}

.news2content h3 {
  color: #333;
  font-size: 30px;
}

.news2content hr {
  border: 1px solid #ddd;
  margin: 15px 0;
}

.news2content img {
  width: 900px;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}

.news2content p {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}
```

```
.news2content ul {
  list-style-type: disc;
  margin-left: 20px;
}

.news2content li {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}

/* style news 3 */
.news3content {
  margin-top: 10px;
}

.news3content h3 {
  color: #333;
  font-size: 30px;
}

.news3content hr {
  border: 1px solid #ddd;
  margin: 15px 0;
}
```

```
.news3content img {
  width: 900px;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}

.news3content p {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}

.news3content ul {
  list-style-type: disc;
  margin-left: 20px;
}

.news3content li {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}

/* style news 4 */
.news4content {
```

```
  margin-top: 10px;
}

.news4content h3 {
  color: #333;
  font-size: 30px;
}

.news4content hr {
  border: 1px solid #ddd;
  margin: 15px 0;
}

.news4content img {
  width: 1000px;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}

.news4content p {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}
```

```
.news4content ul {
  list-style-type: disc;
  margin-left: 20px;
}

.news4content li {
  color: #555;
  font-size: 20px;
  line-height: 1.5;
}
/* news */



/* admission */
.contentheader h3 {
  font-size: 30px;
  margin-bottom: 35px;
  margin-left: auto;
  margin-right: auto;
}

.alladmission {
  display: flex;
  flex-direction: column;
  align-items: center;
```

```
  margin-top: 20px;
}

.admissionblock {
  background-color: #fff;
  border: 1px solid #333;
  border-radius: 10px;
  margin: 10px;
  transition: transform 0.3s ease-in-out;
  width: 100%;
  height: auto;
  margin-left: auto;
  margin-right: auto;
  text-align: center;
  margin-bottom: 20px;
}

.admissionblock p {
  color: #333;
  font-size: 20px;
  line-height: 1.5;
}

.admissionblock:hover {
  transform: scale(1.05);
}
```

```
.admissionblock a {
  text-decoration: none;
  color: #333;
}

.adtransition {
  padding: 20px;
}
/* admission page */




/* studyanytime */
.add_course {
  margin-top: 20px;
  padding: 20px;
  background-color: #f8f8f8;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.addheader {
  font-size: 14px;
  font-weight: bold;
  margin-bottom: 15px;
```

```
}

.add_course form {
  display: flex;
  flex-direction: column;
  max-width: 400px;
  margin: auto;
  margin-top: 20px;
}

.add_course form p {
  margin-bottom: 15px;
}

.add_course form label {
  font-weight: bold;
  margin-bottom: 5px;
}

.add_course form input[type="text"],
.add_course form input[type="checkbox"] {
  padding: 10px;
  margin-bottom: 10px;
}

.add_course form input[type="submit"] {
```

```
  background-color: #e17420;
  color: #fff;
  width: 100px;
  height: 50px;
  cursor: pointer;
  border: none;
  border-radius: 5px;
  font-size: 20px;
}

.enrolled_course {
  margin-top: 20px;
  padding: 20px;
}

.course_split {
  display: flex;
  width: 100%;
}

@media (max-width: 800px) {
  .course_split {
    display: block;
  }
}
```

```
.available_course {
  margin-top: 20px;
  margin-left: auto;
  margin-right: auto;
  padding: 20px;
  width: 100%;
}

.coursetransition {
  background-color: #e17420;
  padding: 10px;
  border-radius: 5px;
  color: #fff;
}

.enrollheader,
.availableheader {
  font-size: 24px;
  font-weight: bold;
  margin-bottom: 15px;
}

.enrollheader h1,
.availableheader h1 {
  font-size: 20px;
}
```

```
.enrolled_course div,
.available_course div {
  margin-bottom: 10px;
}

.enrolled_course a,
.available_course a {
  text-decoration: none;
  color: #333;
  font-weight: bold;
  display: block;
  padding: 20px;
  background-color: #f8f8f8;
  border-radius: 5px;
}

.enrolled_course a:hover,
.available_course a:hover {
  background-color: #bbbcb6;
  color: #fff;
}

input[type="text"] {
  width: 400px;
  height: 40px;
```

```
  font-size: 20px;
  background-color: #ffffff;
  margin: 10px;
  border-radius: 7px;
}

input[type="checkbox"] {
  width: 20px;
  height: 20px;
  margin-left: 10px;
}

.video-select {
  background-color: #f2f2f2;
  color: #333;
  padding: 10px;
  margin-left: 0%;
  margin-right: 0%;
  margin-top: 10px;
  border: 1px solid #333;
  border-radius: 5px;
  width: 100%;
  height: auto;
  font-size: 14px;
}
```

```
.video-select:hover {
  background-color: #e17420;
  color: #ffffff;
  padding: 10px;
  margin-left: 0%;
  margin-right: 0%;
  margin-top: 10px;
  border: 1px solid #333;
  border-radius: 5px;
  width: 100%;
  height: auto;
  font-size: 14px;
}
/* studyanytime */



/* program */
.se2022 {
  margin-top: 90px;
  margin-left: 10px;
  margin-right: 10px;
}

.block2forpg {
  display: block;
```

```
  background-color: #e6e6e6;
  padding: 70px;
  width: 100%;
  height: 100px;
}

.se2024 {
  margin-top: 90px;
  margin-left: 10px;
  margin-right: 10px;
}

.queensland {
  margin-top: 85px;
  margin-left: 10px;
  margin-right: 10px;
}
/* program */




/* videoplayback */
.videoplayback {
  text-align: center;
}
```

```
.videoplayback h1 {
  color: #333;
  font-size: 30px;
  margin-top: 10px;
}

.videoplayback h2 {
  color: #e17420;
  font-size: 18px;
  margin-top: 20px;
}

.videoplayback video {
  width: 100%;
  height: 100%;
  max-width: 1200px;
  max-height: 450px;
  margin-top: 30px;
  border: 3px solid #333;
  border-radius: 10px;
}

.not-playing {
  background-color: #f2f2f2;
  padding: 10px;
```

```
  margin-left: 10%;
  margin-right: 10%;
  margin-top: 10px;
  border: 1px solid #333;
  border-radius: 5px;
  width: 100%;
  height: auto;
  font-size: 14px;
}

.playing {
  background-color: #e17420;
  color: #ffffff;
  padding: 10px;
  margin-left: 10%;
  margin-right: 10%;
  margin-top: 10px;
  border: 1px solid #333;
  border-radius: 5px;
  width: 100%;
  height: auto;
  font-size: 14px;
}

.videosidebar h1 {
  margin-top: 10px;
```

```
  margin-left: 10%;
  font-size: 30px;
  margin-bottom: 20px;
}

.videosidebar a {
  text-decoration: none;
  color: #333;
}

.videocontainer {
  display: flex;
  flex-direction: row;
  margin-left: 5%;
  margin-right: 5%;
  margin-top: 100px;
  margin-bottom: 30px;
  height: auto;
}

.videocontainer {
  border: 1px solid #333;
  padding: 10px;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
.videocontainer hr {
  margin-left: 70px;
}

@media screen and (max-width: 1400px) {
  .videocontainer {
    flex-direction: column;
    margin-left: 5%;
    margin-right: 5%;
    margin-top: 100px;
    margin-bottom: 30px;
  }

  .videosidebar h1 {
    margin-top: 30px;
    margin-left: 0%;
  }

  .playing {
    margin-left: 0%;
    margin-right: 0%;
    width: 100%;
    height: auto;
  }
```

```
  .not-playing {
    margin-left: 0%;
    margin-right: 0%;
    width: 100%;
    height: auto;
  }
}

/* videoplayback */




/* forum */
.forum {
  margin-top: 50px;
}

.forum h3 {
  color: #333;
  font-size: 30px;
  text-align: center;
}

.forum form {
  margin-top: 20px;
```

```
}

.forum label {
  display: block;
  margin-bottom: 20px;
  font-weight: bold;
  color: #e17420;
  font-size: 20px;
  margin-left: 20px;
}

.forum textarea {
  width: 35%;
  height: 50px;
  margin-left: 20px;
  margin-bottom: 20px;
  border: 1px solid #333;
  border-radius: 10px;
  outline: none;
  resize: none;
  font-size: 16px;
  font-family: sans-serif;
  max-height: 400px;
}

.forum textarea:is(:focus, :valid) {
```

```
  border-width: 2px;
  padding: 14px;
  border-color: #333;
}

.forum textarea::-webkit-scrollbar {
  width: 0px;
}

.forum button {
  background-color: #e17420;
  color: #fff;
  padding: 10px 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  font-size: 18px;
  margin-left: 20px;
  margin-bottom: 20px;
}

.forum button:hover {
  background-color: #ff7f50;
}

.forum a button {
```

```
  text-decoration: none;
  display: inline-block;
  padding: 10px 15px;
  background-color: #333;
  color: #fff;
  border-radius: 4px;
  font-size: 20px;
  cursor: pointer;
  transition: background-color 0.3s ease-in-out;
}

.forum a button:hover {
  background-color: #4d4d4d;
}

.forum > div {
  margin-top: 20px;
  border-top: 1px solid #333;
  padding-top: 10px;
  margin-left: 20px;
  width: 90%;
}

.forum p {
  margin-bottom: 5px;
}
```

```
.forum form:last-child {
  margin-bottom: 50px;
}

/* forum */




/* se2022 */
.se2022 {
  margin: 30px;
  padding: 20px;
  background-color: #e1dddd;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 100px;
}

.se2022 h1 {
  color: #e17420;
  font-size: 30px;
  margin-top: 10px;
}
```

```
.se2022 p {
  line-height: 1.5;
}

.se2022 img {
  max-width: 50%;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}




/* se2024 */
.se2024 {
  margin: 30px;
  padding: 20px;
  background-color: #e1dddd;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 100px;
}

.se2024 h1 {
  color: #e17420;
```

```
  font-size: 30px;
  margin-top: 10px;
}

.se2024 p {
  line-height: 1.5;
}

.se2024 img {
  max-width: 50%;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
}




/* glasgow */
.section.jss171 {
  margin: 30px;
  padding: 20px;
  background-color: #e1dddd;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 100px;
```

```
}

.section.jss171 h1 {
  color: #e17420;
  font-size: 30px;
  margin-top: 10px;
}

.section.jss171 p {
  line-height: 1.6;
}

.section.jss171 hr {
  border: 1px solid #000000;
  margin: 20px 0;
}

.section.jss171 img {
  max-width: 50%;
  height: auto;
  border-radius: 8px;
  margin-bottom: 15px;
  border: 1px solid #333;
}
```

```
/* queensland */
.queensland {
  margin: 30px;
  padding: 20px;
  background-color: #e1dddd;
  border-radius: 10px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
  margin-top: 100px;
}

.queensland h1 {
  color: #e17420;
  font-size: 30px;
  margin-top: 10px;
}

.queensland p {
  line-height: 1.6;
}

.queensland img {
  max-width: 50%;
  height: auto;
  border-radius: 8px;
```

```
  margin-bottom: 15px;
}

.queensland ul li {
  line-height: 1.6;
}




/* upload and course */
.uploadvideo {
  margin-top: 20px;
  padding: 20px;
  background-color: #fff;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.uploadvideo h1 {
  color: #333;
  font-size: 30px;
  margin-bottom: 15px;
}

.uploadvideo form {
  margin-top: 15px;
```

```
}

.uploadvideo form div {
  margin-bottom: 15px;
}

.uploadvideo form input[type="file"] {
  width: 40%;
  padding: 10px;
  border: 1px solid #ddd;
  border-radius: 4px;
}

.uploadvideo form input[type="submit"] {
  background-color: #e17420;
  color: #fff;
  padding: 10px 15px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  font-size: 20px;
}

.uploadvideo form input[type="submit"]:hover {
  background-color: #ff7f4d;
}
```

```
/* video  */
.video {
  margin-top: 20px;
  padding: 20px;
  background-color: #fff;
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.video h1 {
  color: #333;
  font-size: 30px;
  margin-bottom: 15px;
}

.video div {
  margin-bottom: 20px;
}

.video a {
  color: #e17420;
  text-decoration: none;
  font-weight: bold;
```

```
}

.video a:hover {
  text-decoration: underline;
}

.video form {
  display: inline-block;
}

.video form button {
  background-color: #e17420;
  color: #fff;
  padding: 10px 15px;
  border: none;
  border-radius: 4px;
  margin-left: 10px;
  cursor: pointer;
  font-size: 20px;
}

.video form button:hover {
  background-color: #ff7f4d;
}

#delete-course button {
```

```
  margin-top: 20px;
  padding: 10px 15px;
  background-color: #e17420;
  color: #fff;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  font-size: 20px;
  transition: background-color 0.3s ease-in-out;
  margin-left: 20px;
}

#delete-course button:hover {
  background-color: #ff7f4d;
}

.backbtn {
  margin-top: 20px;
  margin-left: 20px;
}

.backbtn button {
  text-decoration: none;
  display: inline-block;
  padding: 10px 15px;
  background-color: #333;
```

```
  color: #fff;
  border-radius: 4px;
  font-size: 20px;
  cursor: pointer;
  transition: background-color 0.3s ease-in-out;
}

.backbtn button:hover {
  background-color: #4d4d4d;
}
```

2. Login.css

```
body {
    padding: 0;
    margin: 0;
}

.main {
    width: 100%;
    display: flex;
    justify-content: center;
    flex-direction: column;
    font-family: Arial, Helvetica, sans-serif
}

.header {
```

```
    height: 10vh;
    width: 100%;
}

.header h2 {
    font-size: 250%;
    color: #3e403f;
}

.topnav{
    background-color: #2b2929;
    width: 100%;
    height: 50px;
    display: flex;
    align-items: center;
    position: fixed;
    display: flex;
    position: fixed;
    z-index: 98;
}

.topnav li{
    list-style: none;
}

.topnav a{
```

```
    color: #f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
}

.sepic{
    margin-top: 20px;
}

.headertransition {
    margin-left: 300px;
    margin-top: 15px;
}

.input-item {
    height: 50px;
    width: 300px;
    background: #fff;
    color: #333;
    padding: 14.5px 0px 15px 9px;
    border-radius: 5px 0px 0px 5px;
}

.content {
```

```
    height: 150vh;
    width: 100%;
    text-align: center;
    background-color: #333;
}




.content h2 {
    font-size: 55px;
    color: rgb(255, 255, 255);
}

.containertransition {
    margin-top: 80px;
}

.container {
    width: 400px;
    min-height: 450px;
    height: auto;
    border-radius: 5px;
    margin: 2% auto;
    box-shadow: 0 9px 50px hsla(20, 67%, 75%, 0.31);
    padding: 2%;
    background-image: linear-gradient(-225deg, #ddd 50%, #e17420 50%);
```

```
}

/* .contentheadsubone {

   color: #e8e9eb;
} */

.contentheadsub span {
   color: #333;
   font-size: 20px;
}

.contentheadsub a {
   color: #fff;
   text-decoration: none;
}

.contentheadsub a:hover {
   color: #333;
}

input {

   font-size: 20px;
   background-color: #DAFFFB;
   margin: 10px;
```

```
    border-radius: 10px;
}

input[type="radio"] {
    display: none;
}

.radio-label {
    display: inline-block;
    background-color: #ffffff;
    color: #333;
    font-size: 18px;
    width: 100px;
    padding: 10px;
    margin-right: 10px;
    border-radius: 5px;
    cursor: pointer;
}



input[type="radio"]:checked + .radio-label {
    background-color: #333;
    color: #ffffff;
}
```

```
.contentboxfield input{
    width: 300;
    height: auto;
}

.contentboxfield p {
    margin: 10px 0;
}

button {
    display: inline-block;
    color: #252537;

    width: 280px;
    height: 50px;

    padding: 0 20px;
    background: #fff;
    border-radius: 5px;

    outline: none;
    border: none;

    cursor: pointer;
    text-align: center;
    transition: all 0.2s linear;
```

```
    margin: 7% auto;
    letter-spacing: 0.05em;
}

button:hover {
    background-color: #f3d1b8;;
}

.contentbuttonsubone {
    font-size: 20px;
    opacity: 60%;
    color: #e8e9eb;
}

.contentbuttonsub span {
    font-size: 20px;
}

.contentbuttonsub a {
    color: #e8e9eb;
    text-decoration: none;
}

.contentbuttonsub a:hover {
    color: #333;
```

```
}
```

3. Resetpassword.css

```
body {
    padding: 0;
    margin: 0;
}

.main {
    width: 100%;
    display: flex;
    justify-content: center;
    flex-direction: column;
    font-family: Arial, Helvetica, sans-serif
}

.container {
    width: 400px;
    min-height: 450px;
    height: auto;
    border-radius: 5px;
    margin: 2% auto;
    box-shadow: 0 9px 50px hsla(20, 67%, 75%, 0.31);
    padding: 2%;
    background-image: linear-gradient(-225deg, #ddd 50%, #e17420 50%);
}
```

```
.content {
    height: 120vh;
    width: 100%;
    text-align: center;
    background-color: #333;
}

.topnav{
    background-color: #2b2929;
    width: 100%;
    height: 50px;
    display: flex;
    align-items: center;
    position: fixed;
    display: flex;
    position: fixed;
    z-index: 98;
}

.topnav li{
    list-style: none;
}

.topnav a{
    color: #f2f2f2;
```

```
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
}


.content h2 {
    font-size: 55px;
    color: rgb(255, 255, 255);
}

.containertransition {
    margin-top: 80px;
}

.input-item {
    background: #fff;
    color: #333;
    padding: 14.5px 0px 15px 9px;
    border-radius: 5px 0px 0px 5px;
}

input {
    width: 350px;
    height: auto;
```

```
    font-size: 20px;
    background-color: #DAFFFB;
    margin: 10px;
    border-radius: 10px;
}

button {
    display: inline-block;
    color: #252537;

    width: 280px;
    height: 50px;

    padding: 0 20px;
    background: #fff;
    border-radius: 5px;

    outline: none;
    border: none;

    cursor: pointer;
    text-align: center;
    transition: all 0.2s linear;

    margin: 7% auto;
    letter-spacing: 0.05em;
```

```
}

button:hover {
    background-color: #f3d1b8;;
}
.contentheadsub span {
    color: #514f4f;
    font-size: 18px;
}
.contentbuttonsubone {
    font-size: 20px;
    opacity: 60%;
    color: #e8e9eb;
}

.contentbuttonsub span {
    font-size: 20px;
}

.contentbuttonsub a {
    color: #e8e9eb;
    text-decoration: none;
}

.contentbuttonsub a:hover {
    color: #333;
```

```
}
```

4. Signup.css

```
body {
    padding: 0;
    margin: 0;
}

.main {
    width: 100%;
    display: flex;
    justify-content: center;
    flex-direction: column;
    font-family: Arial, Helvetica, sans-serif
}

.header {
    height: 10vh;
    width: 100%;
}

.header h2 {
    font-size: 250%;
    color: #ffffff;
}
.headertransition {
```

```
    margin-left: 300px;
    margin-top: 15px;
}

.content {
    height: 160vh;
    width: 100%;
    text-align: center;
    background-color: #333;
}

.topnav{
    background-color: #2b2929;
    width: 100%;
    height: 50px;
    display: flex;
    align-items: center;
    position: fixed;
    display: flex;
    position: fixed;
    z-index: 98;
}

.topnav li{
    list-style: none;
}
```

```
.topnav a{
    color: #f2f2f2;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
    font-size: 17px;
}


.content h2 {
    font-size: 55px;
    color: rgb(255, 255, 255);
}

.containertransition {
    margin-top: 80px;
}

.container {
    width: 450px;
    min-height: 450px;
    height: auto;
    border-radius: 5px;
    margin: 2% auto;
    box-shadow: 0 9px 50px hsla(20, 67%, 75%, 0.31);
```

```
    padding: 2%;
    background-image: linear-gradient(-225deg, #ddd 50%, #e17420 50%);
}

.input-item {
    background: #fff;
    color: #333;
    padding: 14.5px 0px 15px 9px;
    border-radius: 5px 0px 0px 5px;
}

input {
    width: 400px;
    height: auto;
    font-size: 20px;
    background-color: #DAFFFB;
    margin: 10px;
    border-radius: 10px;
}

input[type="radio"] {
    display: none;
}

.radio-label {
    display: inline-block;
```

```
    background-color: #ffffff;
    color: #333;
    font-size: 18px;
    width: 100px;
    padding: 10px;
    margin-right: 10px;
    border-radius: 5px;
    cursor: pointer;
}

input[type="radio"]:checked + .radio-label {
    background-color: #333;
    color: #fff;
}

.contentboxfield p {
    margin: 10px 0;
}

button {
    display: inline-block;
    color: #252537;

    width: 280px;
    height: 50px;
```

```
    padding: 0 20px;
    background: #fff;
    border-radius: 5px;

    outline: none;
    border: none;

    cursor: pointer;
    text-align: center;
    transition: all 0.2s linear;

    margin: 7% auto;
    letter-spacing: 0.05em;
}

button:hover {
    background-color: #f3d1b8;;
}
.contentbuttonsubone {
    font-size: 20px;
    opacity: 60%;
    color: #e8e9eb;
}

.contentbuttonsub span {
    font-size: 20px;
```

```
}

.contentbuttonsub a {
   color: #e8e9eb;
   text-decoration: none;
}

.contentbuttonsub a:hover {
   color: #333;
}
```

JavaScript

1. Index.js

```
const wrapper = document.querySelector(".wrapper"),
  carousel = document.querySelector(".carousel"),
  images = document.querySelectorAll("img"),
  buttons = document.querySelectorAll(".button");
let imageIndex = 1,
  intervalId;
const autoSlide = () => {
  intervalId = setInterval(() => slideImage(++imageIndex), 2000);
};
autoSlide();
const slideImage = () => {
  imageIndex = imageIndex === images.length ? 0 : imageIndex < 0 ? images.length - 1 : imageIndex;
  carousel.style.transform = `translate(-${imageIndex * 100}%)`;
```

```
};

const updateClick = (e) => {
  clearInterval(intervalId);
  imageIndex += e.target.id === "next" ? 1 : -1;
  slideImage(imageIndex);
  autoSlide();
};

buttons.forEach((button) => button.addEventListener("click", updateClick));
wrapper.addEventListener("mouseover", () => clearInterval(intervalId));
wrapper.addEventListener("mouseleave", autoSlide);

// MODAL
// Function to display the modal
function displayModal() {
  var modal = document.getElementById("myModal");
  modal.style.display = "block";
}

// Function to close the modal
function closeModal() {
  var modal = document.getElementById("myModal");
  modal.style.display = "none";
}
```

```
// Function to check access token validity
async function checkAccessTokenValidity() {
  try {
    const response = await fetch("/verify_token", {
      method: "GET",
      credentials: "include", // Include cookies in the request
    });

    const isValid = await response.json();

    if (!isValid) {
      displayModal();
    } else {
      // If token is valid, redirect to the next page
      window.location.href = "/studyanytime";
    }
  } catch (error) {
    console.error("Error checking access token validity:", error);
  }
}

// Add click event listener to Study Anytime link
const studyAnytimeLink = document.getElementById("studyAnytimeLink");
studyAnytimeLink.addEventListener("click", function (event) {
  // Prevent default link behavior
  event.preventDefault();
```

```
  // Check access token validity before navigating to the next page
  checkAccessTokenValidity();
});

// Add click event listener to close button
const closeButton = document.querySelector(".modal-header .close");
closeButton.addEventListener("click", closeModal);

// Add click event listener to modal overlay
window.addEventListener("click", function (event) {
  var modal = document.getElementById("myModal");
  if (event.target === modal) {
    closeModal();
  }
});
```

2. Studyanytime.js

```
// MODAL
// Function to display the modal
function displayModal() {
    var modal = document.getElementById("myModal");
    modal.style.display = "block";
}

// Check if the user is signed in
async function isUserSignedIn() {
```

```
    try {
        const response = await fetch("/verify_token", {
            method: "GET",
            credentials: "include", // Include cookies in the request
        });

        const isValid = await response.json();

        if (!isValid) {
            displayModal();
        }
    } catch (error) {
        console.error("Error checking access token validity:", error);
    }
}

// Function to check sign-in status and show modal if needed
async function checkSignInStatus() {
    await isUserSignedIn();
}

// Add click event listener to modal overlay (to prevent closing)
window.addEventListener("click", function (event) {
    var modal = document.getElementById("myModal");
    if (event.target === modal) {
        // Do nothing or show an error message since we don't want the modal to
be closed
```

```
    }
});

// Check sign-in status on page load
window.onload = function () {
    checkSignInStatus();
};

//textarea
const textarea = document.querySelector("textarea");
textarea.addEventListener("keyup", e => {
    textarea.style.height = "59px";
    let scHeight= e.target.scrollHeight;
    textarea.style.height = `${scHeight}px`;
})
```