# Project Report – COS10026 Computing Technology Inquiry Project

**A. Report's Structure Outline**

**B. Title: COS10026 Assignment 1 report**
- Name: Cong Duc Danh Ngo (Dan Ngo).
- Student ID: 104186810

**C. Introduction:**
1. Website Introduction:
- Service for Operations Engineers (SOE) is a company in Melbourne that provides services in terms of Web Development, Software Deployment, Cyber Security, etc. SOE connects businesses and IT professionals across Australia, offering customized services to suit unique needs. Our recruitment process guarantees that we hire the best IT talent to lead your business to success. We provide monitoring, troubleshooting, backup, and disaster recovery solutions for seamless 24/7 business operations. Our team offers honest advice, support, and guidance, ensuring that your infrastructure is managed by experts. With our in-depth understanding of the IT industry, we deliver bespoke services to every client. Our website is created by 5 team members: Jugraj Singh (104204262), Daniel Hindmarsh (104586973), Nina Lam (104060655), Mandeep Kaur (104330028) and Dan Ngo (104186810).

2. Objective of this report:
- To demonstrate the reporter's understanding of the group project.
- Illustrate the website's structure, highlights and contributions that the reporter has made.

**D. Website content:**
1. Introduction: Introduce the purpose of each page and main content of each page
- index.html: This is the home page of the website, it introduces our SOE company, displays an advertisement for the company's job recruitment and a link to a YouTube video which presents each pages built by each member.
- apply.html: This is the page for candidates to apply to our company by filling the provided form.

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- jobs.html: The jobs page contains several detailed information about the company, the positions that we are recruiting and requirements for those positions. It also includes a button that directs to the apply page and a comment section for users to state their opinions.
- about.html:  This page briefly introduces our company, several details about our team members, each member has their own profile page, which will be popped out when clicked on each person's profile picture. About page also includes a button that directly links to the apply page, 2 cards for 2 jobs that our company is requiring. The cards also have an "Apply" button that links to the jobs page and a "Details" button that links to a separate html file (jobdescriptionCBE.html and jobdescriptionWD.html) which contains specific information about the job's position.

2. Details about HTML markups technical that I used:

| | |
|---|---|
| Display the group photo in \<figure> | ```html<br><figure class="group5"><br>  <img src="images/group_pic.png" alt="Team"><br>  <figcaption>Group 5/Mixed Munde</figcaption><br></figure><br>``` |
| Display the group's information in definition list | ```html<br><dl><!-- style this definition list to make it look better--><br>  <dt></dt><br>  <dd>Group Name :</dd><br>    <dt>Group 5/Mixed Munde</dt><br>  <dd>Our Course :</dd><br>    <dt><a href="https://www.swinburne.edu.au/course/<br>    bachelor-of-computer-science/" target="_blank">Bachelor of<br>    Computer Science</a>/COS10026 <a href="https://www.swinburne.edu.<br>    au/study/courses/units/<br>    Computing-Technology-Inquiry-Project-COS10026/local"<br>      target="_blank">Computing Techonology Inquiry Project</a><br>    </dt><br>  <dd>Our Tutor :</dd><br>    <dt><br>      <a href="mailto:fatmamohammed@swin.edu.au"> Fatma Mohamed</a><br>    </dt><br>  <dd>Get In Touch Today :</dd><br>  <dt><br>    <a href="mailto:Contactus@SOECompany.com"><br>    Contactus@SOECompany.com<br>    </a><br>  </dt><br><dd></dd><br></dl><br>``` |
| Use \<a> to link image to another html file | ```html<br><a href="ProfileNina.html" target="_blank"><br>  <img  class="profiledp01" src="images/NinaPfp.jpg"<br>  alt="Nina Lam"><br></a><br><div><br>``` |

| | |
|---|---|
| | ```<p class="follow">
    Follow us
    <a href="https://www.facebook.com/" target="_blank">
      <img src="images/fb.png" alt="fb">
    </a>
    <a href="https://www.instagram.com/" target="_blank">
      <img src="images/ig.png" alt="ig">
    </a>
    <a href="https://www.linkedin.com/" target="_blank">
      <img src="images/in.png" alt="in">
    </a>
  </p>
</div>``` |
| Display timetable using `<table>` | ```<table class="about">
    <caption>Our Timetable</caption>
    <thead>
      <tr>
        <th rowspan="2" class="time">Time</th>
        <th colspan="5" class="day">Day</th>
      </tr>
        <tr class="day">
          <th>Monday</th>
          <th>Tuesday</th>
          <th>Wednesday</th>
          <th>Thursday</th>
          <th>Friday</th>
        </tr>
    </thead>
    <tbody>
      <tr>
        <th class="time">08:00 AM</th>
        <td rowspan="2" class="c04">COS10004<br/>Class 1<br/>Hawthorn
ATC325</td>
        <td></td> <td></td> <td></td> <td></td>
      </tr>

      <tr>
        <th class="time">09:00 AM</th>
        <td></td> <td></td> <td></td> <td></td>
      </tr>

      <tr>
        <th class="time">10:00 AM</th>
        <td></td>
        <td rowspan="2" class="c09"> COS10009<br/>Lecture<br/>Hawthorn
ATC101<br/>or<br/>Live Online</td>
        <td></td> <td></td>``` |

```
            <td rowspan="2" class="c09">COS1009<br/>Class 1<br/>Hawthorn
ATC625</td>
        </tr>

        <tr>
          <th class="time">11:00 AM</th>
          <td></td> <td></td> <td></td>
        </tr>

        <tr>
          <th class="time">12:00 PM</th>
          <td class="c26">COS10026<br/>Live Online Lecture</td>
          <td></td> <td></td> <td></td> <td></td>
        </tr>

        <tr>
          <th class="time">01:00 PM</th>
          <td class="c25">COS10025<br/>Live Online Lecture</td>
          <td></td> <td></td> <td></td>
          <td class="c26">COS10026<br/>Class 1<br/>Hawthorn BA608</td>
        </tr>

        <tr>
          <th class="time">02:00 PM</th>
          <td></td>
          <td rowspan="2" class="c25">COS10025<br/>Workshop
1<br/>Hawthorn ATC427</td>
          <td></td> <td></td> <td></td>
        </tr>

        <tr>
          <th class="time">03:00 PM</th>
          <td></td> <td></td> <td></td> <td></td>
        </tr>

        <tr>
          <th class="time">04:00 PM</th>
          <td rowspan="2" class="c09">COS10009<br/>Class 2<br/>Hawthorn
EN214</td>
          <td rowspan="2" class="c26">COS10026<br/>Workshop
1<br/>Hawthorn BA408</td>
          <td></td> <td></td>
          <td class="c04">COS10004<br/>Live Online Lecture</td>
        </tr>

        <tr>
          <th class="time">05:00 PM</th>
          <td></td> <td></td> <td></td>
        </tr>
```
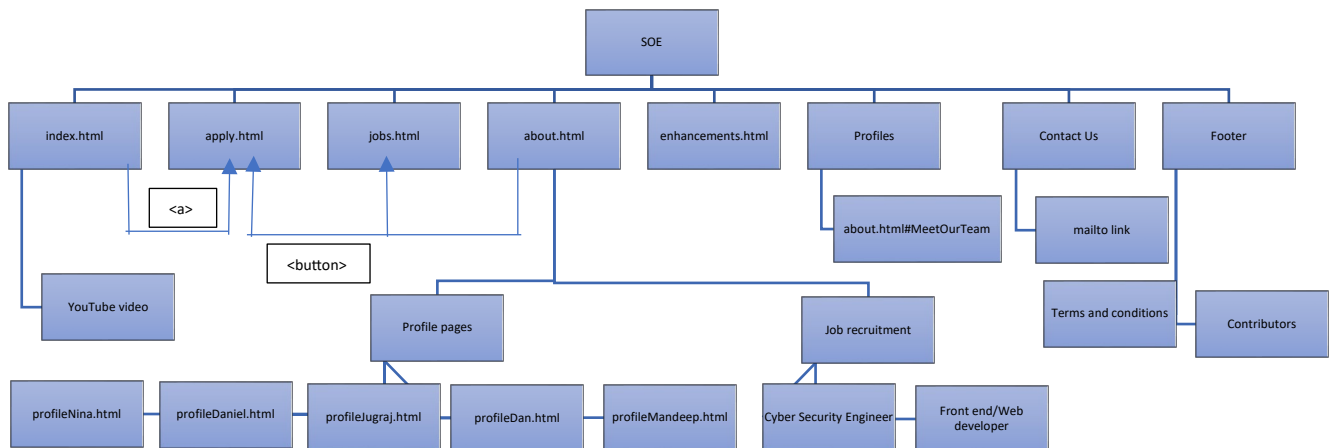
| | |
|---|---|
| | ```html<br>        <tr><br>          <th class="time">06:00 PM</th><br>          <td></td> <td></td> <td></td> <td></td> <td></td><br>        </tr><br>      </tbody><br>    </table><br>``` |
| Use \<button\> to link to apply page | ```html<br><button onclick="window.location.href='apply.html'"<br>        class="button button1"><br>  APPLY TO SOE<br></button><br>``` |
| Student ID is a mailto link in the personal profile page | ```html<br><li>Student ID: <a<br>href="mailto:104186810@student.swin.edu.au">104186810</a></li><br>``` |

3.  Site map for our website



**E. Website style**

1.  Introduce the presentation of your website:

-   Our company's website is designed aiming at the efficient and friendly use for clients, candidates applying to the company or visitors who want to know about us. Users can use either the navigation bar at the top or footer at the bottom to switch between pages easily. Other than that, buttons and anchors are also displayed in some pages to link to other pages or external sites related to the assignment's requirements.

2.  Some technical details about CSS markups:

| Text font | ```* {    font-family: calabri, sans-serif }``` |
|---|---|
| Text box over image with transparent background | ```.intro {    position: relative;    margin: 0 auto; } .intro h1 {    text-align: left;``` |

| | |
|---|---|
| | ```css<br>}<br><br>#content {<br>    position: absolute;<br>    bottom: 35%;<br>    right: 5%;<br>    background: rgba(105, 195, 223, 0.8);<br>    color: rgb(0, 0, 0);<br>    padding: 20px;<br>}<br>``` |
| Group image border | ```css<br>.group5 img{<br>    border: 10px solid black;<br>}<br>``` |
| Definition list border | ```css<br>dl {<br>    border: 15px solid #548ecf;<br>    width: 70%;<br>    padding: 0;<br>    margin: 0;<br>    overflow: hidden;<br>    margin-left: auto;<br>    margin-right: auto;<br>}<br>``` |
| Table cells background color | ```css<br>td.c04 {<br>    background-color: #39A798;<br>}<br>``` |
| Button hover effect | ```css<br>.button {<br>    border: 4px solid #467fc0;<br>    padding: 16px 32px;<br>    font-size: 16px;<br>    font-weight: bold;<br>    background-color: white;<br>    color: black;<br>    cursor: pointer;<br>    transition-duration: 0.8s;<br>}<br><br>.button1:hover {<br>    background-color: #467fc0;<br>    color: white;<br>}<br>``` |

3. Screenshots for design/user interface:
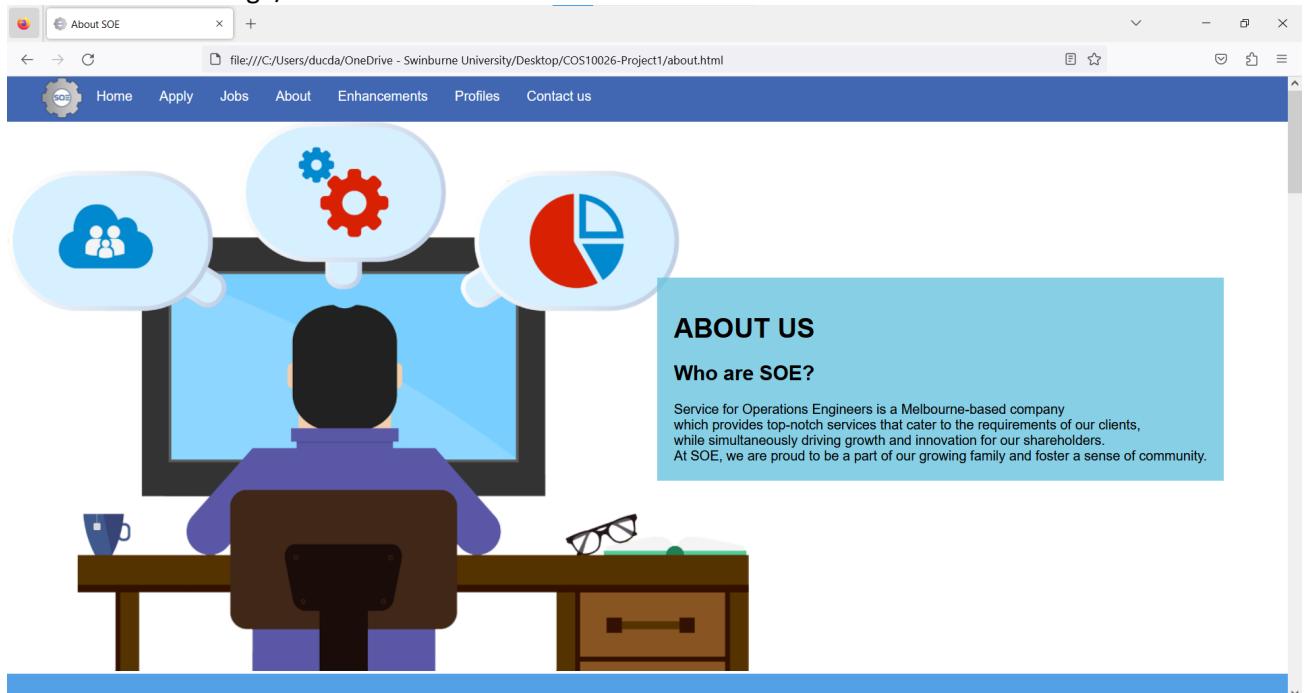


+ Button with hover effect when cursor's hovered on it.





Our Timetable

| Time | Day | | | | |
|------|-----|-----|-----|-----|-----|
| | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **08:00 AM** | COS10004 Class 1 Hawthorn ATC325 | | | | |
| **09:00 AM** | | | | | |
| **10:00 AM** | | COS10009 Lecture Hawthorn ATC101 or Live Online | | | COS1009 Class 1 Hawthorn ATC625 |
| **11:00 AM** | | | | | |
| **12:00 PM** | COS10026 Live Online Lecture | | | | |
| **01:00 PM** | COS10025 Live Online Lecture | | | | COS10026 Class 1 Hawthorn BA608 |
| **02:00 PM** | | COS10025 Workshop 1 Hawthorn ATC427 | | | |
| **03:00 PM** | | | | | |
| **04:00 PM** | COS10009 Class 2 Hawthorn EN214 | COS10026 Workshop 1 Hawthorn BA408 | | | COS10004 Live Online Lecture |
| **05:00 PM** | | | | | |
| **06:00 PM** | | | | | |

**F. Key features**

1. Key/innovative features:
   + Profile image has animation effect when hover the cursor and pop out a separate profile page when clicked
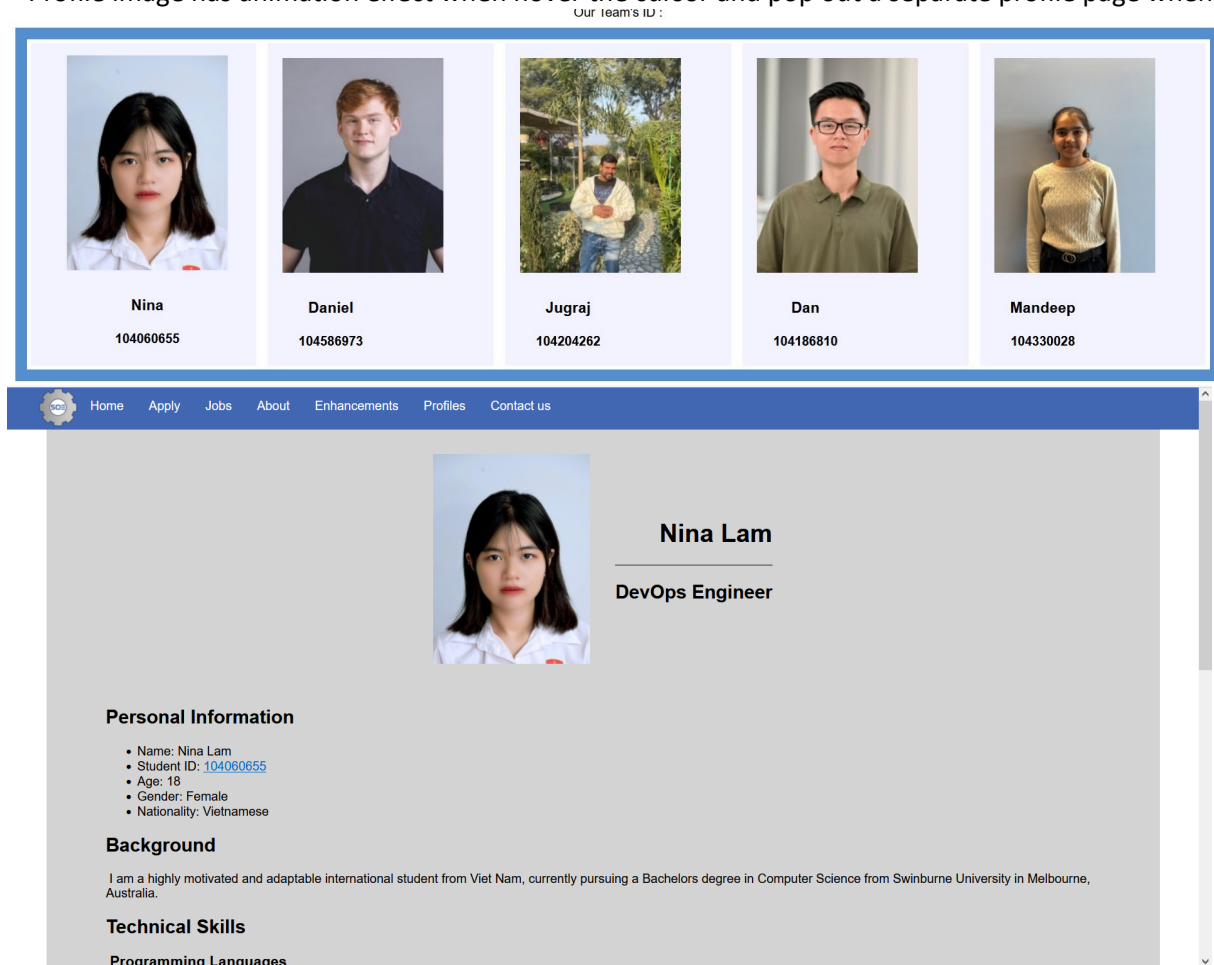


+ Button linking to apply page has hover effect with 0.8s transition.
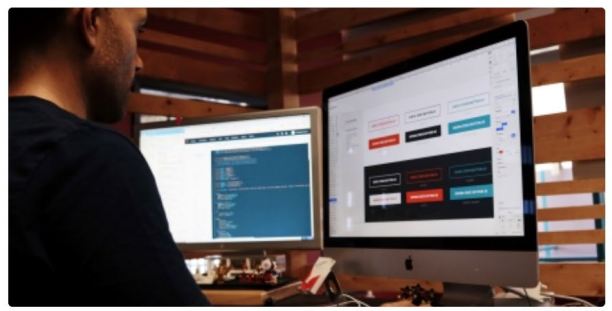
+ Cards for job recruitment have shadow, zoom effect and buttons linking to other pages



**Cyber Security Engineer**

This role of Cyber Security Engineer is responsible for research, design, and implementing information security solutions for organisation systems and products that comply with all applicable security policies and standards.

Apply  Details

**Front End/Web Developer**

If you are a passionate and skilled Front End Developer looking for an exciting and challenging career opportunity, you can't miss this great position at our IT service business client who based in Melbourne.

Apply  Details

**G.  My contributions**
- Design company's logo
- Design about page (both html and css) **EXCEPT**:
    + This card section (Jugraj designed it)



**Cyber Security Engineer**

This role of Cyber Security Engineer is responsible for research, design, and implementing information security solutions for organisation systems and products that comply with all applicable security policies and standards.

Apply  Details
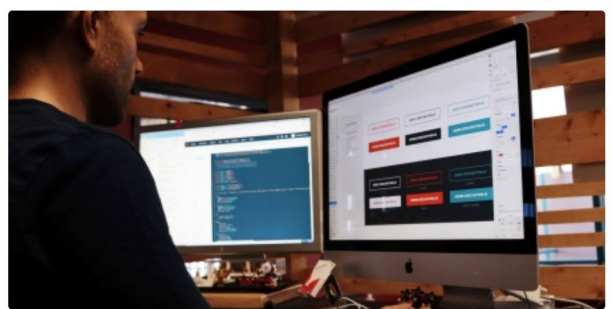
**Front End/Web Developer**

If you are a passionate and skilled Front End Developer looking for an exciting and challenging career opportunity, you can't miss this great position at our IT service business client who based in Melbourne.

Apply  Details

+ CSS for our team's ID section (Jugraj styled it)

Our Team's ID :



| Nina | Daniel | Jugraj | Dan | Mandeep |
| 104060655 | 104586973 | 104204262 | 104186810 | 104330028 |

- Put 3 social media logos into the footer (Daniel helped me align them to the right side of the footer), each logo is an image that I modified the colour to compile with the Website's general colour, which are blue and grey. Each image is a hyper link directs to that social media platform:



- Came up with the idea of clicking on the profile image (in the group ID section) will pop out a separate profile page (Daniel designed the template). Collected personal information of Dan, Nina and Mandeep and put into their own profile pages.

- Put a favicon to the header section of all pages.



- Merged, edited and uploaded the demonstration YouTube video.

**H. Conclusion**

1. Summary
- The report has briefly summed up the whole web site of SOE company and specifically present the about page.
2. Recommendations for future improvements
- Design the responsive layout more carefully.
- CSS should only be done by one person.