# Assignment Submission Template

**1. Student Registration Information**

- **Full Name**: Michael Chonillo or Michael Sager
- **Student ID**: mgc22a
- **Course Name**: COP4813
- **Instructor Name**: [Dr Ahsan Abdullah]
- **Date of Submission (mm-dd-yyy)**: 06/22/2025

# 1. Assignment Overview (0.5 Points)

- NESTED MENU NAVIGATION

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# 2. Code Implementation (2.0 Points)

```html
<html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="style.css">

    <title> MENU NAVIGATION </title>

</head>



<body>

<h1>SUBJECTS</h1>


```

```html
<!-- SCIENCE -->

<div class = "subject">


    <h2 onclick="toggleTopics ('science')">Science</h2>
    <div id="science" class = "topics" style = "display: none;">
        <a href="subjects/biology.html">Biology</a>
        <a href="subjects/thermodynamics.html">Thermodynamics</a>
        <a href="subjects/chemistry.html">Chemistry</a>
        <a href ="subjects/physics.html">Physics</a>


</div>


<!-- MATH -->


    <div class = "subject">


        <h2 onclick="toggleTopics ('math')">Math</h2>
        <div id="math" class = "topics" style = "display: none;">
            <a href="subjects/algebra.html">Algebra</a>
            <a href="subjects/trigonometry.html">Trigonometry</a>
            <a href="subjects/geometry.html">Geometry</a>
            <a href="subjects/calculus.html">Calculus</a>


        </div>
```

```html
<!-- WOOD -->

<div class = "subject">


    <h2 onclick="toggleTopics ('wood')">Wood</h2>

    <div id="wood" class = "topics" style = "display: none;">

        <a href="subjects/woodworking.html">Woodworking</a>

        <a href="subjects/woodchilling.html">Woodchilling</a>

        <a href="subjects/woodstaying.html">Woodstaying</a>

        <a href="subjects/woodshaving.html">Woodshaving</a>



    </div>


    <script>

        function toggleTopics(id) {

            const allTopics =
document.querySelectorAll('.topics');

            allTopics.forEach(section => section.style.display =
'none');


            const selected = document.getElementById(id);

            selected.style.display = 'block';

        }

    </script>
```

```
        </body>

        </html>
```

ONE OF THE SUBJECTS:

```
<html>


<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">

    <link rel="stylesheet" href="../style.css">

    <title> Algebra </title>

</head>


<body>

<h1>Algebra</h1>

<div class = "subject" >

    <a href="../index.html"> Back</a><br>

    <p1>I love algebra</p1><br>

    <img src="../pics/math.jpeg" alt = "math"><br>

</div>




</body>

</html>
```
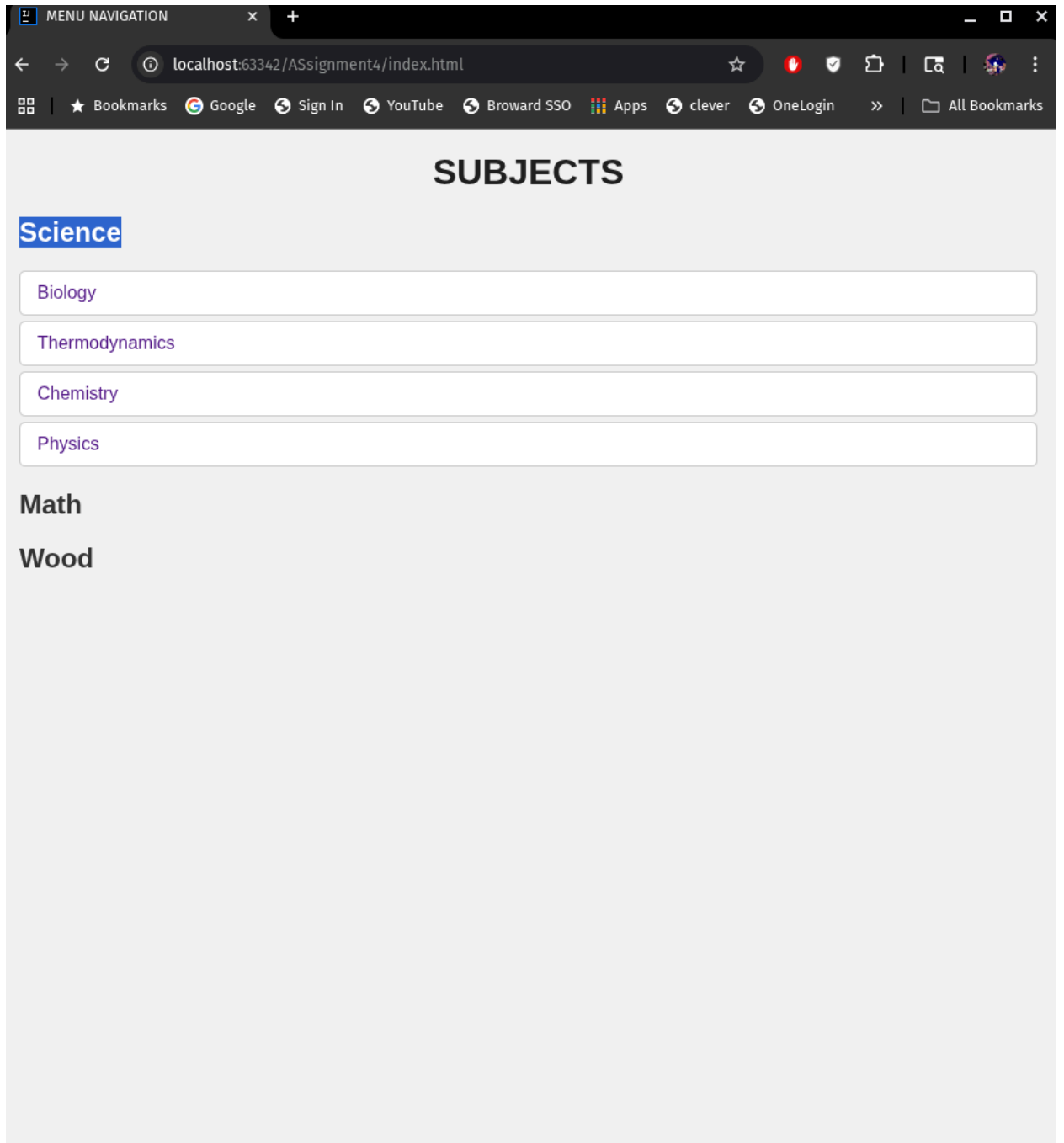
## 3. Results Screenshot(s) (1.0 Point)

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## 4. Data or Output Results (2.0 Points)

- n/a

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# 5. Analysis of Results (1.5 Points)

- I was able to complete the assignment by creating nested topics within each subject header.

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# 6. Conclusion (1.0 Point)

- I was able to complete the assignment by creating nested topics within each subject header.

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# 7. Key Reflective Questions (1.5 Points)

- Answer all **three provided reflective questions**.
- Responses should show thoughtful engagement and originality.

**1. Explain a specific part of your code that was most challenging to implement. Why was it difficult, and how did you resolve it?**

**the function for the button was the most difficult, my main issue was learning all the new syntax for it**

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**2. If you had to modify your code to handle an additional feature (e.g., session expiration message or logging login attempts), where would you make the changes and why?**

**I would add an addition script file to the project**

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**3. Describe a mistake you made during development and what you learned from it.**

The topics dropdown implementation was something i made the most mistakes on

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# 8. Additional Comments – Bonus (0.5 Points) *(Optional)*

I enjoyed being able to create a different website from scratch using what i learned from the previous ones.