Documentation for website:

Creating folders to store different file types:

A picture containing graphical user interface

Description automatically generated

Creating head portion of html file named “index”, which will be the main file

Text

Description automatically generated

Navigation bar creation, has dropdowns for sub-pages:

Text

Description automatically generated

Navbar appearance:

Text

Description automatically generated

Writing and picture for index.html (About me page):

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Index page made, formatting with css:

Text

Description automatically generated

Css makes a pattern using an image, the main body is padded on both sides, allowing for it to “float” away from the edges. Bootstrap was used here to allow for the layout of the text and profile pic

After many small modifications, index.html now looks like this at the largest possible screen width:

Graphical user interface, application

Description automatically generated

Smaller screen:

Graphical user interface, text, application, email

Description automatically generated

Now that the index.html has been created, a template for the remaining pages can be made, code is as such:

<!DOCTYPE html>

<html lang="en">

<head>

    <title>Joshua's Website</title>

    <meta charset="UTF-8">

    <meta name="description" content="Joshua's Website">

    <meta name="author" content="Joshua Yap">

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

    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">

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

    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"

        integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"

        crossorigin="anonymous"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"

        integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"

        crossorigin="anonymous"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"

        integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"

        crossorigin="anonymous"></script>

</head>

<body class="img">

    <nav class="navbar navbar-expand-lg navbar-light bg-dark">

        <a class="navbar-brand text-white" href="index.html">Navbar</a>

        <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNavDropdown"

            aria-controls="navbarNavDropdown" aria-expanded="false" aria-label="Toggle navigation">

            <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse">

            <ul class="navbar-nav">

                <li class="nav-item active">

                    <a class="nav-link text-white" href="index.html">Home </a>

                </li>

                <li class="nav-item">

                    <a class="nav-link text-white" href="flab.html">Fablab Safety & Tools</a>

                </li>

                <li class="nav-item dropdown">

                    <a class="nav-link dropdown-toggle text-white" href="#" id="navbarDropdownMenuLink"

                        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                        Coding

                    </a>

                    <div class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">

                        <a class="dropdown-item" href="webP.html">Web Development</a>

                        <a class="dropdown-item" href="projectP.html">Project Programming</a>

                    </div>

                </li>

                <li class="nav-item dropdown">

                    <a class="nav-link dropdown-toggle text-white" href="#" id="navbarDropdownMenuLink"

                        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">

                        Fabrication

                    </a>

                    <div class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">

                        <a class="dropdown-item" href="threeD.html">3D Printed Parts</a>

                        <a class="dropdown-item" href="laser.html">Laser Cutting</a>

                    </div>

                </li>

                <li class="nav-item">

                    <a class="nav-link text-white" href="project.html">Final Project</a>

                </li>

            </ul>

        </div>

    </nav>

    <footer>

        <div class="container-fluid bg-light pb-3 padded">

            <div>

                <b>Copyrighted by &copy; Joshua Yap, student, gamer and Snom lover</b>

            </div>

        </div>

    </footer>

</body>

</html>

Appearance:

Graphical user interface

Description automatically generated

Creation of flab.html content:

Inserting information:

Letter

Description automatically generated with low confidence

Modification to be easier to read:

Text

Description automatically generated

Result:

Graphical user interface, text

Description automatically generated

Test for smaller screens:

Text

Description automatically generated with medium confidence