

# TECH WEB NEWS PAGE

Assignment 1 - Technical Design Report

HCS504 – Web Development



Abertay  
University

LUKE  
GILBERT

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# INTRODUCTION

This technical design report has been prepared to demonstrate the rationale behind the design and implementation of a Tech News Web Page using HTML and CSS which is the main artefact to be produced for the assignment.

The report will cover the following aspects:

- UI/UX Design Considerations
- HTML Structure of Webpage
- CSS and Webpage Styling
- Hosting via. Student Web Server
- Cross Platform Analysis and Testing

Further detail of the main tasks undertaken as a part of this assignment can be viewed in the Appendix (Appendix A).

In addition to discussion of how these aspects have been implemented within the assignment, further rationale will be provided for each design choice.

A link to the working webpage can be found below:

<https://mayar.abertay.ac.uk/~2307369/Assignment1/index.html>

All images sourced from the page can be found at the link below:

<https://unsplash.com/s/photos/technology?license=free>

## UI/UX DESIGN

Initial design work was undertaken using the online design tool Figma. This exercise was undertaken to establish an initial design for the UI/UX to then be implemented using HTML and CSS. This stage was effective in allowing for creativity in the layout/design without the initial technical limitations of implementation.

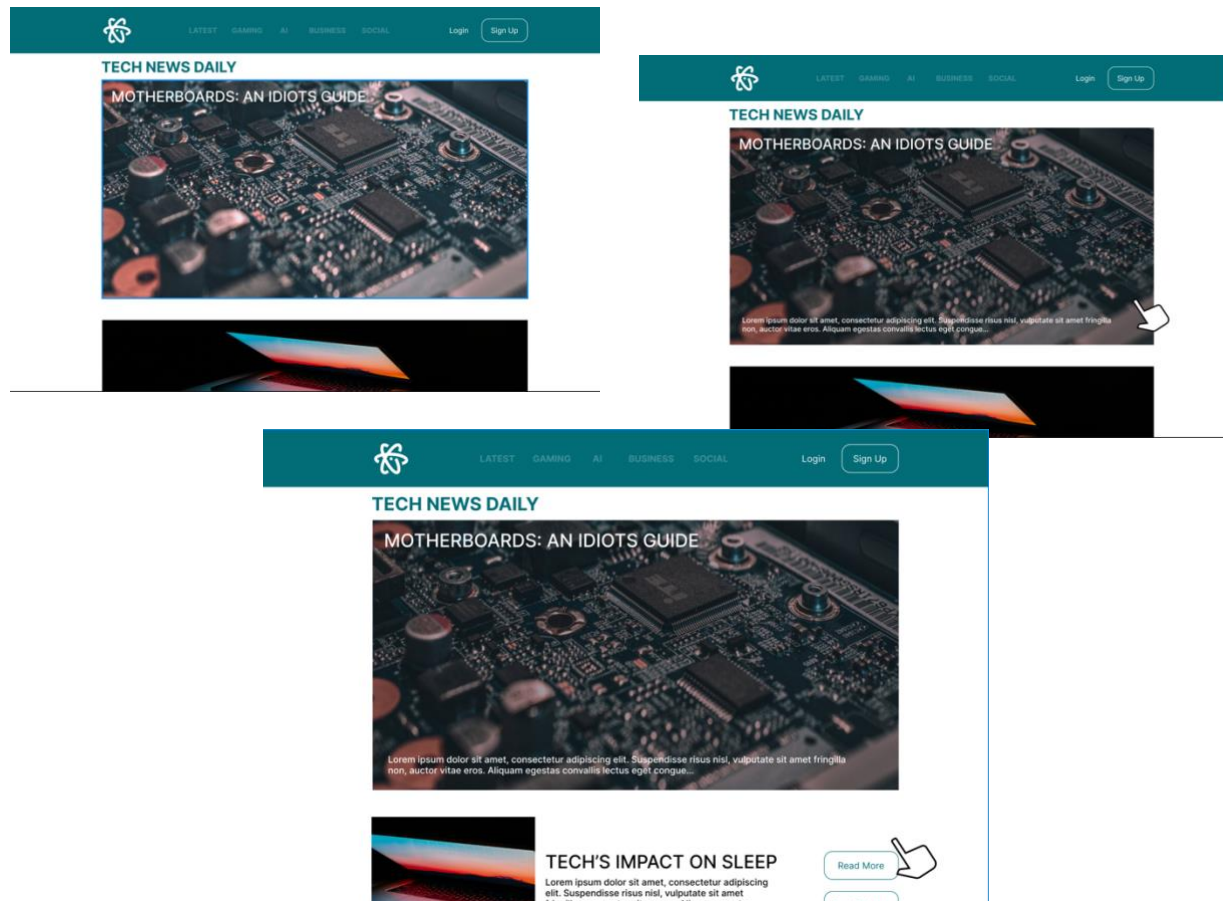


Figure 2.1 - Initial Page Layout Designs and Hover Animations

Initial thoughts for the design were to highly feature the use of images on the home page rather than large blocks of text. This will not create intrigue for the users encouraging them to explore the page but makes the articles more memorable as the visuals tend to be more memorable (Pavio, 1973).

The initial design puts an emphasis into visual feedback for the user based on their interactions with elements on the page. Typically this is achieved through hover effects on elements which change based on their current active hover condition.

# HTML STRUCTURE

The structure of a HTML is an essential component to ensure that the content for the page is displayed correctly in the browser, this hopes to accomplish the aim of creating a positive experience for users. The structure not only determines the order in which elements will be rendered in the browser but can enhance users' accessibility experience through using semantic HTML and providing additional information for screen readers.

The webpage's HTML file can be viewed in the appendix (Appendix B).

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="styles.css" />
    <title>Tech News Daily</title>
  </head>
  <body>
    <!--Navigation bar to allow users to go between different pages on the site -->
    <nav>
      
      <ul>
        <li><a onclick="location.href='index.html'">LATEST</a></li>
        <li><a>GAMING</a></li>
        <li><a>AI</a></li>
        <li><a>BUSINESS</a></li>
        <li><a>SOCIAL</a></li>
      </ul>
      <span>
        <button id="login-button">Login</button>
        <button id="signup-button">Sign Up</button>
      </span>
    </nav>
    <h1>TECH NEWS DAILY</h1>
    <!--Hero section showing the main curated news stories for the user -->
    <div id="hero-section" onclick="location.href='hero_article.html'">
      <article class="news large">
        <figure>
          
          <figcaption>MOTHERBOARDS: AN IDIOTS GUIDE</figcaption>
        </figure>
        <p>
          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
          risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
          Aliquam egestas convallis lectus eget congue...
        </p>
      </article>
    </div>
    <!--Ordered list of the top news articles on the main page for a given day. -->
    <!--Each article includes an image, headline and brief synopsis of the story. -->
    <ol>
      <article id="news-article">
        
```

Figure 3.1 - Extract of HTML w/ Semantic HTML Examples Highlighted

## Semantic HTML

The use of semantic HTML is demonstrated throughout allowing for a clear code structure which can be easily understood by future contributors. The use of this semantic HTML allows for increased accessibility for the page using screen readers which can interpret HTML elements based on their tags and relay the information back to the user.

The web page for which this technical report pertains to includes use of the following semantic HTML (Descriptions of each item can be found at [www.w3schools.com](http://www.w3schools.com)):

- Head Tag <head>
- Body Tag <body>
- Footer Tag <footer>
- Article <article>
- Figure Tag <figure>
- Image Tag <img>
- List Tags <ol> / <ul>
- Header Tags <h1> / <h2>
- Anchor Tag <a>

In addition to the usage of semantic tags, the use of additional attributes for these elements has been utilised to further the accessibility and functionality.

These are as follows:

- href for <a> tags: Used to give a destination for the hyperlink to send the user to.
- src for <img> tags: Used to define a source for an image file to be displayed on the page.
- alt for <img> tags: Used to provide additional context for images, especially useful for screen readers.

## CSS AND STYLING

There are millions of different pages across the web all competing for the attention of users, one of the main ways you can set your webpage apart from the crowd is the styling using CSS as it can help to create a lasting first impression which can keep users coming back time and time again (WebFX, n.d.).

The Tech News Web Page uses a colour palette of three colours to try and keep the design simplistic and drive the focus to the news articles with their eye-catching visuals and headlines. There has been some effort made to include some interactivity on the page with user feedback given on various aspects when hovered by the user.

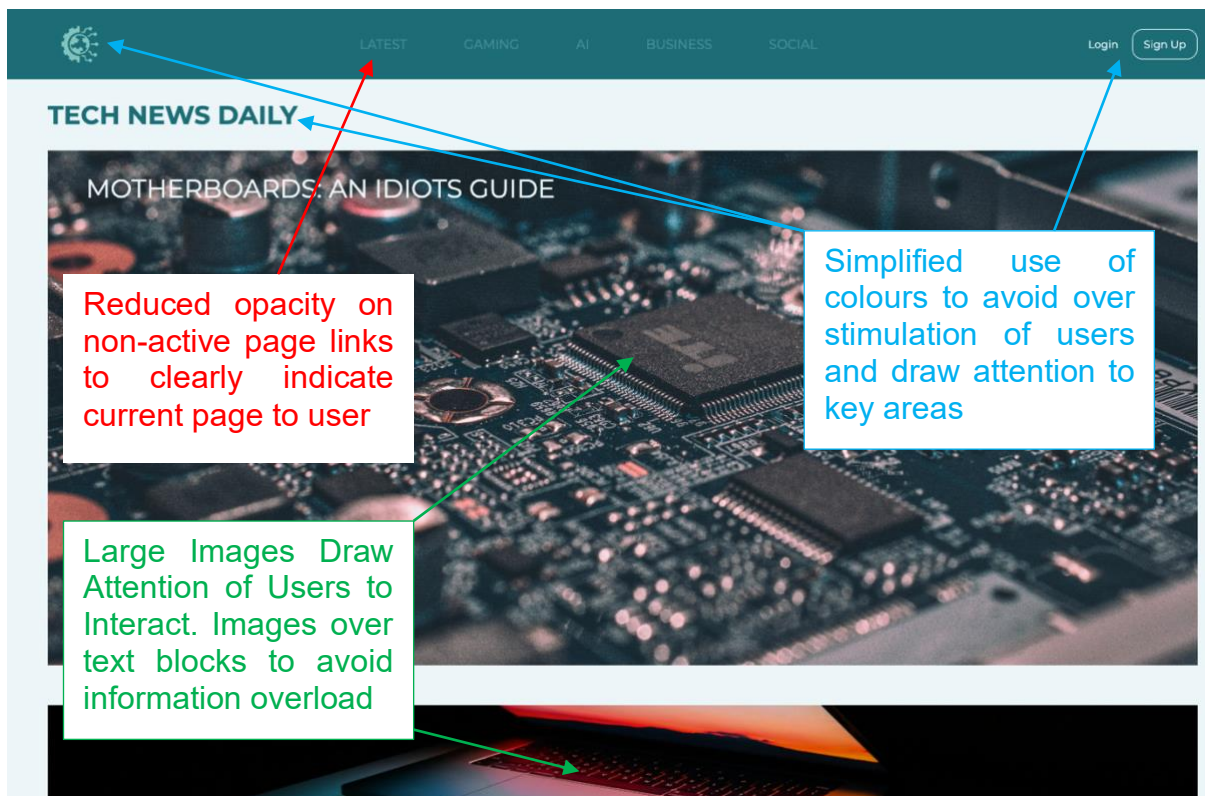


Figure 4.1 - Key CSS Design Decisions Highlighted

The webpage's CSS file can be viewed in the appendix (Appendix C).

## CSS Selectors

It is important here to discuss the selectors utilised in the CSS as there is a multitude that have been implemented to apply styles to different elements, each of which have vary in specificity in the selector hierarchy.

Below is a list of CSS selectors which have been utilised within the assignment with further information on these found on w3schools' website (W3schools, 2019):

- Simple Selectors (element, id, class)
- Combinator Selectors
- Pseudo-class Selectors

```
/* Navbar Styling */
nav {
  display: flex;
  padding: 1% 12.5vw 1% 12.5vw;
  justify-content: space-between;
  justify-self: center;
  flex: 1;
  background-color: #006d77;
}

nav > img {
  height: 50px;
  width: auto;
  color: #83c5be;
  transition: all 500ms ease-in-out;
  cursor: pointer;
}

nav > img:hover {
  filter: brightness(125%);
}

nav > ul {
  display: flex;
  min-width: 50%;
  justify-content: center;
}

nav > ul > li {
  list-style-type: none;
  padding-inline: 5%;
  align-content: center;
  color: #edf6f9;
  transition: all 500ms ease-in-out;
  opacity: 25%;
}

nav > ul > li:hover {
  opacity: 100%;
}
```

Figure 4.2 - CSS Extract for Nav Highlighting Different Types of Selectors Used



## Webpage Hosting on Server

For this assignment the files for the webpage are hosted on the Abertay University Student server to make them able to access outside of a user running the files locally stored on their machine.

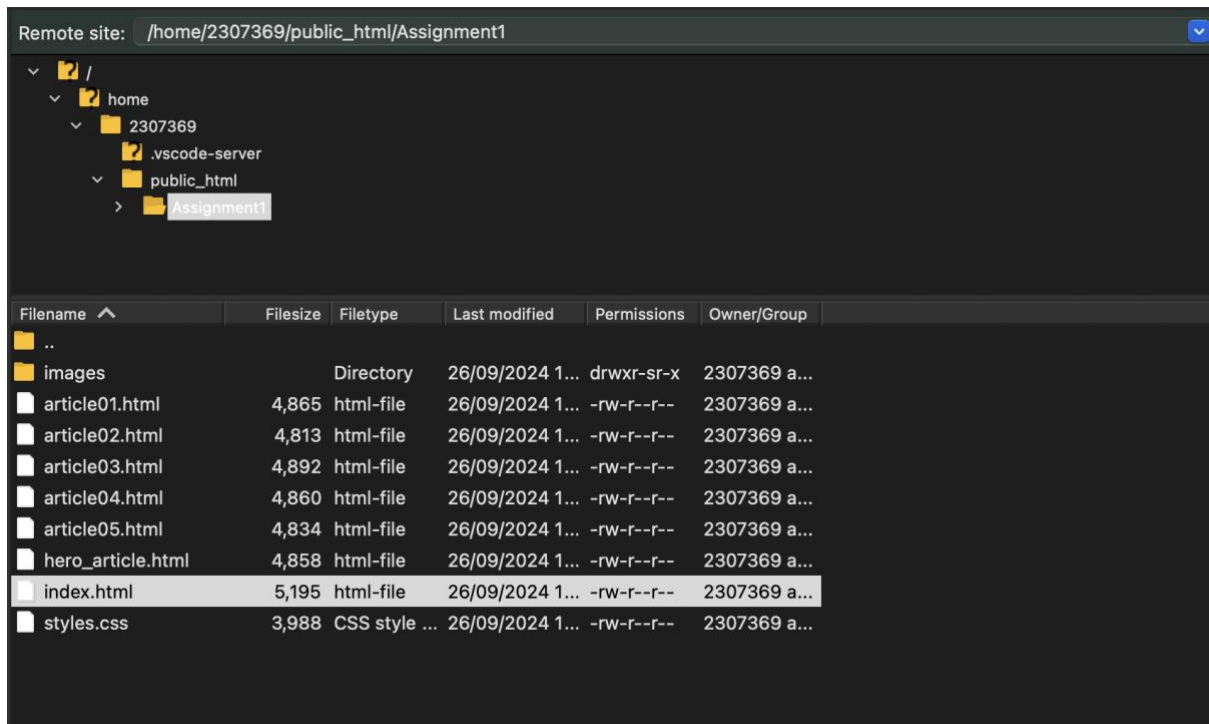


Figure 5.1 - Webpage Files Hosted on Student Server

## CROSS PLATFORM ANALYSIS AND TESTING

A key aspect in the modern age of the web is the ability to seamlessly display page content across all platforms. Though full responsiveness is not a requirement for this assignment an effort has been made to implement responsive design for the webpage.

One such way this has been implemented is using viewport units for the height and width of various page elements. Since these are directly linked to the size of the webpage these can shrink and grow to suit.

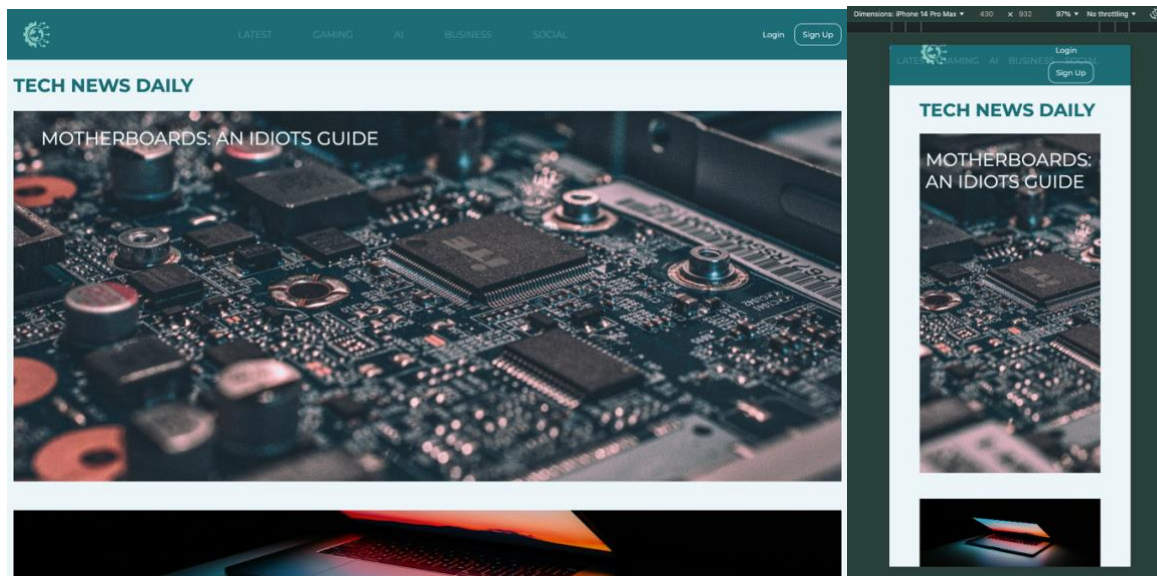


Figure 6.1 - Desktop vs. Mobile Webpage Views

As it can be seen above, using the viewport units effectively scales the elements on the page to suit the screen size, however it is noted that the navbar styling now looks a little squashed and out of place. Typically, this is solved through the implementation of so-called hamburger menu which appears as the screen shrinks and space becomes limited. The design could also look to shrink down any text to suit the screen size and take up less space.

## CONCLUSION

This report has detailed the main steps and design decisions taken for the development of a Tech News Web Page using CSS and HTML. It discussed the importance of the HTML structure, Semantic HTML and CSS in the development of this page and how the initial designs were implemented using these.

A brief look into how the webpage was hosted on the student server and the responsive design of the webpage was also discussed and suggestions of a hamburger menu and responsive font sizes were proposed for smaller screen sizes.

## References

Csapo, K.G. and Paivio, A. (1972). Picture Superiority in Free Recall : Imagery Or Dual Coding. London [Ont] : Department of Psychology, University of Western Ontario.

W3schools (2019).CSS Selectors. [online] W3schools.com. Available at: [https://www.w3schools.com/css/css\\_selectors.asp](https://www.w3schools.com/css/css_selectors.asp).

WebFX (n.d.). Why Is Web Design Important? | 6 Reasons to Invest in Site Design. [online] WebFX. Available at: <https://www.webfx.com/web-design/learn/why-is-web-design-important/>.

www.w3schools.com. (n.d.). HTML Reference. [online] Available at: <https://www.w3schools.com/tags>.

## *APPENDIX A – PROJECT BRIEF*



# Abertay University

**School of Design and Informatics  
Session 2024**

**HEP504: Web Development**

**Practical Assessment 1:  
Tech News Web Page**

**Weighting: 25%**

**Due: Monday of week 4 at 12:00 (noon)**

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## Web Development Practical 1: Tech News Web Page

This practical brief outlines the first of two practical assessments which creates your graded portfolio for this module.

You are expected to attempt all tasks within this brief. However, if the work is unfinished or contains errors, please submit everything undertaken and any incomplete work will be marked accordingly.

### Create a Tech News Web Page

The aim of this assessment is to create a Tech News web page. You can decide and design the actual content and look of the webpage as long as you complete all the assessment tasks, however the website should contain at least three news articles. Feel free to use tech news articles from other websites, but make sure you include a reference to the original websites in both on your webpage article and in your report.

Before starting make sure you have completed the Laboratory Exercises for weeks one and two of this module. Their content will help prepare you to undertake this assessment. You may also make use of the source code provided in the lectures and build upon your work in the Laboratory Exercises to complete this practical assessment.

You may use any text editor of your choice: Notepad, Notepad++ or something else. Do your best to ensure your code is correct and follows the latest standards. Please feel free to ask questions in the Module Q&A within the 'Discussions' tab on Canvas, if you are unsure of anything.

### Task 1 - Webpage Structure.

Start adding content and creating the structure of your tech news webpage using HTML. Your webpage should demonstrate at least one example of each tag and attribute show below:

HTML Tags			HTML Attributes
head	article	ol	href
body	figure	h1	src
footer	img	p	alt

Feel free to have duplicates of the tags and attributes detailed above and add others if you feel that they would enhance the webpage.

Document your source code using comments. Start by adding comments detailing the code you produced for this task and then continue commenting on your code as you complete the other tasks.



## Task 2 - Adding Style and Colour

Add some style and colours to your site by using CSS. You can implement whatever you feel might make your website more engaging. A demonstration of two or three colours and two or three other style effects on your website is sufficient to complete this task. Plenty of information on how to get started in this area can also be found on [w3schools.com](http://w3schools.com).

Note: Multiple implementations of the same CSS rule will be counted as 1.

Experiment with using the <div> tags to contain and manipulate other HTML elements. Demonstrate manipulating the border, text-align, font-size and font-family attributes of HTML elements using <div> tags.

## Task 3 - CSS Image Gallery

Create an image gallery for your website. For examples see the [w3schools image gallery tutorial](#).

Ensure that the CSS image gallery you implement within your website uses your own images. These Images can be anything you wish as long you source copyright free images or you can create them yourself. Ensure that you provide references for these images in your report.

## Task 4 - Uploading to the Abertay Student Web Server

By the time you attempt this assessment you will have been provided with server space on the Abertay student web server. See the “**Connecting to your webspace.pdf**” in lecture materials in week 1 for detailed step-by-step instructions on how to upload your website to the Abertay student web server.

If everything has been done correctly your website will now be available to view online. You must include a working URL to your website hosted on the the server in your report.

## Task 5 - Cross platform testing

Now that you have created your website it would be wise to test how the web content appears when viewed on mobile as well as on desktop devices. So, let’s consider, what does your site look like on your phone?

Include your answers and thoughts on this question in a short section of your report.

Note: It is not expected that your website “looks good” on mobile at this point in the module, so don’t worry about trying to correct for any differences between the mobile and desktop displays of your website.

## The Report and Word Count

Ensure that your report efficiently describes the work that has been undertaken to address this assessment.

The report for this assessment should be 1000 words with a margin of +/- 10%, excluding the Reference and Appendix sections.

Refer to the ModuleAssessmentBrief document for a general idea of the report layout and feel free to ask questions in the Module Q&A within the 'Discussions' tab on Canvas, if you are unsure of anything.

## Grades

Please consult the rubric for this practical assessment on canvas, a link to the rubric will appear alongside the download option for this brief. This assessment contributes 25% of your final grade for the portfolio for this module.

## Other Details

For all other details including:

- Report Format
- Mitigating Circumstances
- Late Submission
- Feedback
- Plagiarism
- Use of AI in this Module

## Submission Instructions

**Please submit the following**

- A report covering the work undertaken for this assessment, in PDF format.
- A URL to your website on the server (included in your report).
- Your website's source code.

Your report containing your URL should be submitted alongside a singular compressed file (.zip etc.) that contains your website's source code and any other artifacts. The zip file should be named:  
(YourName\_YourStudentNumber\_Practical1.zip).

## *APPENDIX B – HTML FILES*

## Assignment 1/index.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <h1>TECH NEWS DAILY</h1>
34   <!--Hero section showing the main curated news stories for the user -->
35   <div id="hero-section" onclick="location.href='hero_article.html'">
36     <article class="news large">
37       <figure>
38         
42         <figcaption>MOTHERBOARDS: AN IDIOTS GUIDE</figcaption>
43       </figure>
44       <p>
45         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
46         risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
47         Aliquam egestas convallis lectus eget congue...
48       </p>
49     </article>
50   </div>
51   <!--Ordered list of the top news articles on the main page for a given day. --
52   >
53   <!--Each article includes an image, headline and brief synopsis of the story.
54   -->
55   <ol>
56     <article id="news-article">
57       
58 <div id="article-info">
59     <h2>The Impact of Tech Usage on Sleep</h2>
60     <p>
61         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
62         risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
63         Aliquam egestas convallis lectus eget congue...
64     </p>
65 </div>
66 <div id="article-buttons">
67     <button onclick="location.href='article01.html'">Read More</button>
68     <button>Save For Later</button>
69 </div>
70 </article>
71 <article id="news-article">
72     
73     <div id="article-info">
74         <h2>Robots: Friend or Foe?</h2>
75         <p>
76             Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
77             risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
78             Aliquam egestas convallis lectus eget congue...
79         </p>
80     </div>
81     <div id="article-buttons">
82         <button onclick="location.href='article02.html'">Read More</button>
83         <button>Save For Later</button>
84     </div>
85 </article>
86 <article id="news-article">
87     
91     <div id="article-info">
92         <h2>Effective Tips to Stop Procrastination</h2>
93         <p>
94             Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
95             risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
96             Aliquam egestas convallis lectus eget congue...
97         </p>
98     </div>
99     <div id="article-buttons">
100         <button onclick="location.href='article03.html'">Read More</button>
101         <button>Save For Later</button>
102     </div>
103 </article>
104 <article id="news-article">
105     
109     <div id="article-info">
110         <h2>The Ultimate Coding Setup</h2>
111         <p>
112             Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
113             risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
114             Aliquam egestas convallis lectus eget congue...
115         </p>
```

```
116     </div>
117     <div id="article-buttons">
118         <button onclick="location.href='article04.html'">Read More</button>
119         <button>Save For Later</button>
120     </div>
121 </article>
122 <article id="news-article">
123     
124     <div id="article-info">
125         <h2>Microsoft Adds New Servers to Cloud Service</h2>
126         <p>
127             Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
128             risus nisl, vulputate sit amet fringilla non, auctor vitae eros.
129             Aliquam egestas convallis lectus eget congue...
130         </p>
131     </div>
132     <div id="article-buttons">
133         <button onclick="location.href='article05.html'">Read More</button>
134         <button>Save For Later</button>
135     </div>
136 </article>
137 </ol>
138 </body>
139 <footer>
140     Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
141     – 2307369)
142 </footer>
143 </html>
144
```

## Assignment 1/article05.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
37         <figcaption>MICROSOFT ADDS NEW SERVERS TO CLOUD SERVICE</figcaption>
38       </figure>
39       <p>
40         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
41         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
42         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
43         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
44         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
45         tristique senectus et netus et malesuada fames ac turpis egestas.
46         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
47         <br /><br />
48         Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
49         erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
50         est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
51         libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
52         libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
53         pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
54         sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
55         lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
56         Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
57         lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
```

```
57      at nibh.
58      <br /><br />
59      Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
60      Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
61      quam sit amet tristique efficitur, felis dui elementum justo, vel
62      fermentum nisi diam vitae est. Suspendisse id odio finibus,
63      condimentum lacus ac, condimentum sapien. Pellentesque tristique non
64      diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
65      Pellentesque velit diam, commodo in blandit non, feugiat id elit.
66      <br /><br />
67      Pellentesque habitant morbi tristique senectus et netus et malesuada
68      fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
69      pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
70      interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
71      Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
72      pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
73      tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
74      ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
75      rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
76      lectus. Fusce et viverra arcu.
77      <br /><br />
78      Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
79      Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
80      ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
81      sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
82      libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
83      Duis blandit ligula ut sapien feugiat, eget dignissim tortor
84      porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
85      taciti sociosqu ad litora torquent per conubia nostra, per inceptos
86      himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
87      Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
88      eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
89      vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
90      massa sed leo euismod vehicula.
91      </p>
92      </article>
93      </div>
94      </body>
95      <footer>
96          Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
97          – 2307369)
98      </footer>
99      </html>
100
```



## Assignment 1/article04.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
40         <figcaption>THE ULTIMATE CODING SETUP</figcaption>
41       </figure>
42       <p>
43         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
44         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
45         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
46         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
47         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
48         tristique senectus et netus et malesuada fames ac turpis egestas.
49         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
50       <br /><br />
51       Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
52       erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
53       est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
54       libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
55       libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
56       pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
57       sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
```

```
57      lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
58      Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
59      lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
60      at nibh.
61      <br /><br />
62      Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
63      Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
64      quam sit amet tristique efficitur, felis dui elementum justo, vel
65      fermentum nisi diam vitae est. Suspendisse id odio finibus,
66      condimentum lacus ac, condimentum sapien. Pellentesque tristique non
67      diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
68      Pellentesque velit diam, commodo in blandit non, feugiat id elit.
69      <br /><br />
70      Pellentesque habitant morbi tristique senectus et netus et malesuada
71      fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
72      pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
73      interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
74      Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
75      pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
76      tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
77      ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
78      rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
79      lectus. Fusce et viverra arcu.
80      <br /><br />
81      Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
82      Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
83      ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
84      sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
85      libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
86      Duis blandit ligula ut sapien feugiat, eget dignissim tortor
87      porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
88      taciti sociosqu ad litora torquent per conubia nostra, per inceptos
89      himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
90      Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
91      eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
92      vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
93      massa sed leo euismod vehicula.
94      </p>
95      </article>
96      </div>
97      </body>
98      <footer>
99          Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
100          – 2307369)
101      </footer>
102      </html>
103
```

## Assignment 1/article03.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
40         <figcaption>EFFECTIVE TIPS TO STOP PROCRASTINATION</figcaption>
41       </figure>
42       <p>
43         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
44         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
45         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
46         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
47         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
48         tristique senectus et netus et malesuada fames ac turpis egestas.
49         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
50       <br /><br />
51       Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
52       erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
53       est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
54       libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
55       libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
56       pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
57       sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
```

```
57      lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
58      Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
59      lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
60      at nibh.
61      <br /><br />
62      Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
63      Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
64      quam sit amet tristique efficitur, felis dui elementum justo, vel
65      fermentum nisi diam vitae est. Suspendisse id odio finibus,
66      condimentum lacus ac, condimentum sapien. Pellentesque tristique non
67      diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
68      Pellentesque velit diam, commodo in blandit non, feugiat id elit.
69      <br /><br />
70      Pellentesque habitant morbi tristique senectus et netus et malesuada
71      fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
72      pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
73      interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
74      Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
75      pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
76      tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
77      ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
78      rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
79      lectus. Fusce et viverra arcu.
80      <br /><br />
81      Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
82      Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
83      ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
84      sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
85      libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
86      Duis blandit ligula ut sapien feugiat, eget dignissim tortor
87      porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
88      taciti sociosqu ad litora torquent per conubia nostra, per inceptos
89      himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
90      Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
91      eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
92      vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
93      massa sed leo euismod vehicula.
94      </p>
95      </article>
96      </div>
97      </body>
98      <footer>
99          Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
100          – 2307369)
101      </footer>
102      </html>
103
```

## Assignment 1/article02.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
37         <figcaption>ROBOTS: FRIEND OR FOE?</figcaption>
38       </figure>
39       <p>
40         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
41         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
42         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
43         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
44         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
45         tristique senectus et netus et malesuada fames ac turpis egestas.
46         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
47         <br /><br />
48         Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
49         erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
50         est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
51         libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
52         libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
53         pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
54         sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
55         lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
56         Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
57         lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
```

```
57 at nibh.
58 <br /><br />
59 Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
60 Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
61 quam sit amet tristique efficitur, felis dui elementum justo, vel
62 fermentum nisi diam vitae est. Suspendisse id odio finibus,
63 condimentum lacus ac, condimentum sapien. Pellentesque tristique non
64 diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
65 Pellentesque velit diam, commodo in blandit non, feugiat id elit.
66 <br /><br />
67 Pellentesque habitant morbi tristique senectus et netus et malesuada
68 fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
69 pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
70 interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
71 Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
72 pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
73 tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
74 ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
75 rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
76 lectus. Fusce et viverra arcu.
77 <br /><br />
78 Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
79 Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
80 ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
81 sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
82 libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
83 Duis blandit ligula ut sapien feugiat, eget dignissim tortor
84 porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
85 taciti sociosqu ad litora torquent per conubia nostra, per inceptos
86 himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
87 Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
88 eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
89 vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
90 massa sed leo euismod vehicula.
91 </p>
92 </article>
93 </div>
94 </body>
95 <footer>
96 Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
97 – 2307369)
98 </footer>
99 </html>
100
```

## Assignment 1/article01.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
40         <figcaption>THE IMPACT OF TECH USAGE ON SLEEP</figcaption>
41       </figure>
42       <p>
43         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
44         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
45         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
46         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
47         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
48         tristique senectus et netus et malesuada fames ac turpis egestas.
49         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
50         <br /><br />
51         Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
52         erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
53         est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
54         libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
55         libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
56         pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
57         sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
```



```
57      lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
58      Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
59      lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
60      at nibh.
61      <br /><br />
62      Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
63      Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
64      quam sit amet tristique efficitur, felis dui elementum justo, vel
65      fermentum nisi diam vitae est. Suspendisse id odio finibus,
66      condimentum lacus ac, condimentum sapien. Pellentesque tristique non
67      diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
68      Pellentesque velit diam, commodo in blandit non, feugiat id elit.
69      <br /><br />
70      Pellentesque habitant morbi tristique senectus et netus et malesuada
71      fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
72      pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
73      interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
74      Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
75      pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
76      tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
77      ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
78      rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
79      lectus. Fusce et viverra arcu.
80      <br /><br />
81      Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
82      Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
83      ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
84      sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
85      libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
86      Duis blandit ligula ut sapien feugiat, eget dignissim tortor
87      porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
88      taciti sociosqu ad litora torquent per conubia nostra, per inceptos
89      himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
90      Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
91      eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
92      vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
93      massa sed leo euismod vehicula.
94      </p>
95      </article>
96      </div>
97      </body>
98      <footer>
99          Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
100          – 2307369)
101      </footer>
102      </html>
103
```



## Assignment 1/hero\_article.html

```
1  <!-- Assignment 1 - Tech News Web Page Luke Gilbert - 27/09/2024 Student No:
2  2307369 -->
3
4  <!DOCTYPE html>
5  <html lang="en">
6    <head>
7      <meta charset="UTF-8" />
8      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
9      <link rel="stylesheet" href="styles.css" />
10     <title>Tech News Daily</title>
11   </head>
12   <body>
13     <!--Navigation bar to allow users to go between different pages on the site --
14   >
15     <nav>
16       
21     <ul>
22       <li><a onclick="location.href='index.html'">LATEST</a></li>
23       <li><a>GAMING</a></li>
24       <li><a>AI</a></li>
25       <li><a>BUSINESS</a></li>
26       <li><a>SOCIAL</a></li>
27     </ul>
28     <span>
29       <button id="login-button">Login</button>
30       <button id="signup-button">Sign Up</button>
31     </span>
32   </nav>
33   <div id="news-story">
34     <article class="news large">
35       <figure>
36         
40         <figcaption>MOTHERBOARDS: AN IDIOTS GUIDE</figcaption>
41       </figure>
42       <p>
43         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin eget
44         convallis velit. Nulla porttitor dapibus enim, nec tempor ipsum ornare
45         gravida. Nullam egestas ornare tempus. Nam et est quis nisi posuere
46         finibus in eget lacus. Ut mattis maximus eros, nec commodo lorem
47         hendrerit eget. Aliquam in ipsum sapien. Pellentesque habitant morbi
48         tristique senectus et netus et malesuada fames ac turpis egestas.
49         Fusce maximus elit sed ipsum aliquam, non sollicitudin nunc mattis.
50       <br /><br />
51       Phasellus eget tellus tincidunt, condimentum mauris vitae, mattis
52       erat. Morbi magna velit, mollis quis dolor ac, fermentum vestibulum
53       est. Cras vitae quam et eros iaculis fringilla. Nam sollicitudin ut
54       libero non ultricies. Sed aliquam nec mi id ultricies. Nunc id semper
55       libero. Nunc et justo quis tellus dapibus auctor. Donec urna elit,
56       pharetra non nibh id, maximus molestie orci. Nam lectus sem, viverra
57       sed commodo non, lacinia id felis. Praesent enim tortor, cursus sed
```

```
57      lobortis at, venenatis a tellus. Morbi gravida facilisis orci.
58      Praesent nec viverra magna, eu placerat sem. In at diam ullamcorper
59      lorem posuere iaculis. Nam eu magna vitae tortor fermentum congue vel
60      at nibh.
61      <br /><br />
62      Praesent pellentesque massa in nibh dictum, nec suscipit leo commodo.
63      Nunc vel consequat augue, vel posuere purus. Suspendisse ultricies,
64      quam sit amet tristique efficitur, felis dui elementum justo, vel
65      fermentum nisi diam vitae est. Suspendisse id odio finibus,
66      condimentum lacus ac, condimentum sapien. Pellentesque tristique non
67      diam a pulvinar. Donec bibendum interdum tellus eu tincidunt.
68      Pellentesque velit diam, commodo in blandit non, feugiat id elit.
69      <br /><br />
70      Pellentesque habitant morbi tristique senectus et netus et malesuada
71      fames ac turpis egestas. Aenean diam neque, venenatis quis eros a,
72      pretium iaculis sem. Nullam porta dolor quis nisl ultrices, vel
73      interdum felis euismod. Quisque porta nibh sed ex vulputate auctor.
74      Aliquam erat volutpat. Vivamus rutrum elit luctus eros congue, non
75      pharetra risus pulvinar. Sed cursus est vel orci pretium, et dictum
76      tellus interdum. Aliquam eu luctus quam. Vestibulum ornare enim non
77      ligula blandit feugiat. Nam mollis ut nibh vel consectetur. Morbi
78      rutrum lobortis ligula. Vivamus et dignissim tortor, in elementum
79      lectus. Fusce et viverra arcu.
80      <br /><br />
81      Phasellus fringilla massa diam, malesuada tincidunt dolor tempor et.
82      Aenean non augue at ex ultrices vulputate. Nulla sollicitudin, erat
83      ultricies blandit imperdiet, tellus mi elementum turpis, et aliquam
84      sapien diam ac nisi. Quisque eu hendrerit mi. Morbi porta mauris eget
85      libero dapibus consequat. Vivamus a urna sed mi malesuada scelerisque.
86      Duis blandit ligula ut sapien feugiat, eget dignissim tortor
87      porttitor. Fusce aliquet interdum massa vitae tincidunt. Class aptent
88      taciti sociosqu ad litora torquent per conubia nostra, per inceptos
89      himenaeos. Mauris at nisi eget leo sodales pellentesque nec in quam.
90      Donec a elit arcu. Nam mattis purus metus, nec congue lorem convallis
91      eget. Vestibulum viverra libero at nisl sagittis, non vulputate massa
92      vestibulum. Donec mattis id dui mattis fringilla. Fusce facilisis
93      massa sed leo euismod vehicula.
94      </p>
95      </article>
96      </div>
97      </body>
98      <footer>
99          Tech News Daily – A Tech News Website for All Your Tech Needs (Luke Gilbert
100          – 2307369)
101      </footer>
102      </html>
103
```

## *APPENDIX C – CSS FILE*

## Assignment 1/styles.css

```
1  /*
2  Assignment 1 – Tech News Web Page
3  Luke Gilbert – 27/09/2024
4  Student No: 2307369
5  */
6
7  @import url("https://fonts.googleapis.com/css2?family=Montserrat:ital,wght@0,
100..900;1,100..900&display=swap");
8
9  * {
10     margin: 0;
11     padding: 0;
12     box-sizing: border-box;
13     /* outline: 1px solid black; */
14     font-family: Montserrat;
15 }
16
17 body {
18     background-color: #edf6f9;
19 }
20
21 h1 {
22     width: 75vw;
23     margin: 2.5vh 12.5vw 0 auto;
24     color: #006d77;
25 }
26
27 footer {
28     background-color: #83c5be;
29     padding-left: 12.5vw;
30     color: #edf6f9;
31     position: fixed;
32     bottom: 0;
33     width: 100%;
34 }
35
36 /* Navbar Styling */
37
38 nav {
39     display: flex;
40     padding: 1% 12.5vw 1% 12.5vw;
41     justify-content: space-between;
42     justify-self: center;
43     flex: 1;
44     background-color: #006d77;
45     position: sticky;
46     top: 0;
47     z-index: 200;
48 }
49
50 nav > img {
51     height: 50px;
52     width: auto;
53     color: #83c5be;
54     transition: all 500ms ease-in-out;
55     cursor: pointer;
56 }
```

```
57 |
58 | nav > ul {
59 |     display: flex;
60 |     min-width: 50%;
61 |     justify-content: center;
62 | }
63 |
64 | nav > ul > li {
65 |     list-style-type: none;
66 |     padding-inline: 5%;
67 |     align-content: center;
68 |     color: #edf6f9;
69 |     transition: all 500ms ease-in-out;
70 |     opacity: 25%;
71 | }
72 |
73 | li > a {
74 |     cursor: pointer;
75 | }
76 |
77 | nav > span {
78 |     align-content: center;
79 | }
80 |
81 | /* Remove default button styling */
82 | nav > span > button {
83 |     background: none;
84 |     border: none;
85 |     cursor: pointer;
86 | }
87 |
88 | /* Nav Button Styling */
89 |
90 | #login-button {
91 |     color: #edf6f9;
92 |     padding: 1em;
93 | }
94 |
95 | #signup-button {
96 |     background-color: #006d77;
97 |     padding: 0.75em 1em;
98 |     border-radius: 1em;
99 |     color: #edf6f9;
100 |     border: 1px solid #edf6f9;
101 |     transition: all 1s ease-in-out;
102 | }
103 |
104 | /* Hero Styling */
105 |
106 | #hero-section {
107 |     display: flex;
108 |     width: 75vw;
109 |     flex-wrap: wrap;
110 |     height: 65vh;
111 |     margin: 2.5vh 12.5vw 5vh auto;
112 |     filter: brightness(100%);
113 |     position: relative;
114 |     cursor: pointer;
115 |     text-decoration: none;
116 | }
```

```
117
118 .news.large {
119     height: 65vh;
120     margin: 0 12.5vw 0 auto;
121 }
122
123 .news.large > figure {
124     height: 65vh;
125 }
126
127 .news.large > figure > img {
128     width: 75vw;
129     height: 65vh;
130     object-fit: cover;
131     object-position: 50% 50%;
132     transition: all 1s ease-in-out;
133 }
134
135 #hero-section > .news.large > p {
136     display: flex;
137     color: #edf6f9;
138     position: absolute;
139     bottom: 0;
140     font-size: 1em;
141     padding-inline: 2.5vw;
142     opacity: 0;
143     transition: all 1s ease-in-out;
144 }
145
146 article.news.large > figure > figcaption {
147     color: #edf6f9;
148     position: relative;
149     bottom: 62.5vh;
150     font-size: 2em;
151     left: 2.5vw;
152     text-wrap: wrap;
153     width: 75vw;
154 }
155
156 /* News Article Styling */
157
158 #news-article {
159     position: relative;
160     width: 75vw;
161     margin: 5vh 12.5vw 5vh auto;
162     justify-content: space-between;
163     height: 15vh;
164     border-radius: 1em;
165 }
166
167 #news-article > img {
168     position: relative;
169     width: 75vw;
170     object-fit: cover;
171     object-position: 50% 50%;
172     z-index: 100;
173     height: 15vh;
174     transition: all 1s ease-in-out;
175 }
176
```

```
177 #article-info {
178   position: absolute;
179   z-index: 50;
180   top: 0%;
181   left: 25vw;
182   width: 35vw;
183   padding-inline: 1em;
184   height: 15vh;
185   align-content: center;
186 }
187
188 #article-buttons {
189   display: flex;
190   flex-direction: column;
191   justify-content: space-evenly;
192   position: absolute;
193   z-index: 50;
194   top: 0%;
195   right: 0;
196   padding-inline: 1em;
197   height: 15vh;
198 }
199
200 #article-buttons > button {
201   background: none;
202   border: none;
203   cursor: pointer;
204   background-color: #006d77;
205   padding: 0.75em 1em;
206   border-radius: 1em;
207   color: #edf6f9;
208   border: 1px solid #edf6f9;
209   transition: all 1s ease-in-out;
210 }
211
212 /* Article Page Styling */
213
214 #news-story {
215   display: flex;
216   width: 75vw;
217   flex-wrap: wrap;
218   height: 65vh;
219   margin: 5vh 12.5vw 5vh auto;
220   filter: brightness(100%);
221   position: relative;
222   text-decoration: none;
223   flex-direction: column;
224 }
225
226 #news-story > .news.large > p {
227   padding-block: 5vh;
228   text-align: justify;
229 }
230
231 /* Hover Effects */
232
233 nav > img:hover {
234   filter: brightness(125%);
235 }
236
```

```
237 | nav > ul > li:hover {
238 |     opacity: 100%;
239 | }
240 |
241 | #signup-button:hover {
242 |     background-color: #edf6f9;
243 |     color: #006d77;
244 | }
245 |
246 | #hero-section:hover img {
247 |     filter: brightness(50%);
248 | }
249 |
250 | #hero-section:hover .news.large > p {
251 |     opacity: 1;
252 |     bottom: 5vh;
253 | }
254 |
255 | #news-article:hover img,
256 | #article-info {
257 |     width: 25vw;
258 |     z-index: 1 !important;
259 | }
260 |
261 | #article-buttons > button:hover {
262 |     background-color: #edf6f9;
263 |     color: #006d77;
264 |     z-index: 2;
265 | }
266 |
```