

Assignment 2

by Dylan Bell

Submission date: 10-Jan-2025 02:51PM (UTC+0000)

Submission ID: 247965397

File name: 57730_Dylan_Bell_Assignment_2_628756_252757433.docx (2.37M)

Word count: 4844

Character count: 31256



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Dylan Bell – 2417050

Coursework 2 – Introduction to web and
database concepts

10/01/2025

Table Of Contents

Page 3 – Introduction

Page 4 – Requirements

Page 5-9 – Implementation

Page 10-12 – Validation

Page 12-16 – Evaluation

Page 17 – References

Page 17 – 75 - Appendices

Introduction

This report assesses the aesthetic appeal, effectiveness, convenience, and findability of my website for the sale of professional, high-end gaming, and business laptops. A sample of their products includes Lenovo ThinkPad X1 Carbon, ASUS VivoBook OLED, Dell Precision, razer Blade series targeting gamers and businesspeople. The report presents the site map of the web site containing several product pages and describes various improvement made in the site during the development process mentions various corrections for image file names and for HTML/CSS. It also summarizes the suggestion of usability, accessibility, and search engine optimization (SEO), which ensures the possible advantages and disadvantages of those factors and their effects on the mood of the consumers. My research and rankings prove that the website coming under review is fully functional, stylistically pleasing and easy to navigate with a principal emphasis on SEO and accessibility.

Requirements

My website has professional and high-performance gaming and business laptops which suits the need of any gamer and technology lover. From business laptops optimized for performance to gaming desktops, or sleek stylish personal computers this is all available here. The website has detailed information on the following top-tier products: Such as the Lenovo ThinkPad X1 Carbon, ASUS Vivo book OLED, Dell Precision, and Razer Blade series. These are created to satisfy the expectations of customers who expect the laptop to perform as a compact power tool. The website is created for businesspeople, gamers and anyone who needs the best and top-notch technology. From simple window shopping to educated buying, clients will be assisted by informative product details, product specifications and product prices.

Implementation

Page 1 – Products Page



OUR PREMIUM PRODUCTS

[HOME](#)[CONTACT US](#)[ABOUT US](#)



Lenovo Thinkpad X1 Carbon 11th Gen

14" (2880x1800) OLED Display
Intel Core i7-1355U (3.7 - 5.0GHz) Processor
32GB DDR5 RAM
1TB SSD M.2 Storage
Intel Iris Xe Graphics
Windows 11 Pro OS

£2499.99

[View Product](#)



ASUS Vivobook 15 OLED

15.6" 2.8K (2880x1620) OLED Screen
Intel Core i7-1355U Processor
16GB RAM + 1TB SSD
Backlit Keyboard
Military-grade Durability

£799.99

[View Product](#)



Dell Precision 7680

Intel Core i7-13850HX
16GB RAM (4800 MHz DDR5)
512GB SSD
8GB NVIDIA RTX 2000
40.6 cm (16") Full HD+ Display

£1500.00

[View Product](#)



Razer Blade 16

Intel Core i9-13950HX
NVIDIA GeForce RTX 4070
16" UHD+ (3840 x 2400), 120Hz
1TB SSD
16GB RAM

£3399.99

[View Product](#)

© 2024 Lenovo. All rights reserved.
[Privacy Policy](#) | [Terms of Service](#)



Introducing the Lenovo X1 Carbon 11th Gen

Product Image



Product Overview

Introducing the **Lenovo X1 Carbon Gen 11 Laptop**, a revolutionary new product combining cutting-edge technology, advanced features, and sleek design. Whether you're looking for performance, durability, or affordability, the Lenovo X1 Carbon 11th Gen delivers in every aspect. This product is perfect for professionals, students, and tech enthusiasts who demand the best in performance and style.

Price

£2499.99

Key Features

Key Features

- 13th Generation Intel Core i5-1335U Processor (E-cores up to 3.40 GHz, P-cores up to 4.50 GHz)
- Windows 11 Pro 64
- Integrated Intel Iris Xe Graphics
- 16 GB LPDDR5-6400MHz (soldered)
- 256 GB SSD M.2 2280 PCIe Gen4 TLC Opt
- 14" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 100% sRGB, 400 nits, 60Hz, Low Power LED Backlight

Technical Specifications

Feature	Specification
Processor	Intel Core i5-1335U
RAM	16GB DDR4
Storage	256GB SSD
Display	14" WUXGA (1920x1200)
Battery Life	Up to 26 hours
Charging	Quick Charge 4.0 (50% in 30 minutes)
Operating System	Windows 11 Pro
Weight	1.5kg

Get Yours Today!

Don't miss out on this cutting-edge technology. Order the Lenovo X1 Carbon 11th Gen today and experience a new level of performance!

Watch Our Product in Action



Introducing the ASUS Vivobook 15 OLED!

Product Image



Product Overview

Everything is smoother with the powerful ASUS Vivobook 15 OLED, the feature-packed laptop with a brilliant 60 Hz OLED HDR display that has a cinema-grade 100% DCI-P3 gamut. And everything's easier too, thanks to user-friendly features including a 180° lay-flat hinge, a physical webcam shield and dedicated function keys to turn your mic and camera on or off.

Price

£799.99

Key Features

- 15.6" 2.8K (2880x1620) 400nits OLED Screen
- Powered by Intel's Core i7-1355U 5.0 GHz processor
- 16GB RAM paired with a massive 1TB PCIe SSD for all your storage needs
- UK layout, backlit keyboard
- ASUS Vivobook 15 complies with US MIL-STD 810H military-grade standard

- UK layout, backlit keyboard
- ASUS Vivobook 15 complies with US MIL-STD 810H military-grade standard

Technical Specifications

Feature	Specification
Processor	Intel Core i7
RAM	16GB DDR4
Storage	1TB SSD
Display	15.6" 2.8K (2880x1620) 400nits OLED Screen
Battery Life	Up to 24 hours
Charging	Quick Charge 4.0 (50% in 30 minutes)
Operating System	Windows 11 Pro
Weight	1.7kg

Get Yours Today!

Don't miss out on this cutting-edge technology. Order the ASUS Vivobook 15 OLED today and experience a new level of performance!

Watch Our Product in Action



© 2024 Lenovo. All rights reserved.
[Privacy Policy](#) | [Terms of Service](#)

Introducing the Dell Precision 7680

Product Image



Product Overview

The Dell Precision 7680 is a powerful mobile workstation designed for professionals who demand high performance and reliability. Equipped with the latest Intel Core or Xeon processors, NVIDIA RTX graphics, and up to 128GB of RAM, it's perfect for handling demanding tasks such as 3D modeling, video editing, and scientific computing. Featuring a stunning 17.3-inch display with 4K resolution options and color accuracy, it provides an immersive visual experience. With its robust build quality, excellent thermal management, and extensive connectivity options, the Precision 7680 is ideal for those who need performance on the go.

Price

£1499.99

Key Features

- Intel Core i7-13850HX - Up to
- 16 GB Ram (4800 MHz DDR5-SDRAM)
- 512 GB SSD (M.2) NVMe
- 83 Wh 6 Cell Battery
- 8GB NVIDIA RTX 2000 (Intel® UHD Graphics onboard)
- 40.6 cm (16") Full HD+ (1920 x 1200 pixels) Anti-glare Screen
- 83 Wh 6 Cell Battery
- 8GB NVIDIA RTX 2000 (Intel® UHD Graphics onboard)
- 40.6 cm (16") Full HD+ (1920 x 1200 pixels) Anti-glare Screen

Technical Specifications

Feature	Specification
Processor	Intel Core i7
RAM	16GB DDR4
Storage	512GB SSD
Display	16 inch Full HD+ (1920x1200)
Battery Life	Up to 20 hours
Charging	Quick Charge 4.0 (50% in 30 minutes)
Operating System	Windows 11 Pro
Weight	1.5kg

Get Yours Today!

Don't miss out on this cutting-edge technology. Order the TechPro X100 today and experience a new level of performance!

Watch Our Product in Action



Introducing the Razer Blade 16

Product Image



Product Overview

8" QHD+ 240Hz OLED display - The OLED display truly designed for the competitive gamer, featuring a VESA CleanMR 11000 rating and DisplayHDR 1000 certified to ensure minimal blurring and vivid colors. NVIDIA GeForce RTX 4090 Series Graphics - Packed for pure performance with 1.0x gPD (Graphics Power Density), the Razer Blade 16 delivers up to 38 % more graphics power per cubic inch than any other 16" gaming laptop on the market.

Price

£3399.99

Key Features

- Intel Core i9-13950HX
- NVIDIA GeForce RTX 4070 (Laptop, 140W)
- 16.0" UHD+ (2842 x 2400), 120 Hz, IPS
- 1000GB SSD
- 16GB RAM
- 2.45 kg (5.4 lbs)

- Intel Core i9-13950HX
- NVIDIA GeForce RTX 4070 (Laptop, 140W)
- 16.0" UHD+ (2842 x 2400), 120 Hz, IPS
- 1000GB SSD
- 16GB RAM
- 2.45 kg (5.4 lbs)

Technical Specifications

Feature	Specification
Processor	Intel Core i9
RAM	16GB DDR4
Storage	1TB SSD
Display	16 inch Full UHD+ (1920x1200)
Battery Life	Up to 20 hours
Charging	Quick Charge 4.0 (50% in 30 minutes)
Operating System	Windows 11 Pro
Weight	2.45kg

Get Yours Today!

Don't miss out on this cutting-edge technology. Order the Razer Blade 16 today and experience a new level of gaming performance!

Watch Our Product in Action



© 2024 Lenovo. All rights reserved.
Privacy Policy | Terms of Service

Validation

Page 1

1. **Error** Bad value 'Images/X1 G11.jfif' for attribute 'src' on element 'img': Illegal character in path segment: space is not allowed.
From line 208, column 13, to line 208, column 83

```

```

To resolve the problem with the space in the name of the file X1 G11.jfif I renamed the image file to exclude spaces as spaces in code often lead to problems with certain browsers and servers. Modified code - (X1_G11.jfif)

Page 2

1. **Error** The 'frameborder' attribute on the 'iframe' element is obsolete. Use CSS instead.
From line 285, column 13, to line 285, column 279

```
<iframe src="https://www.youtube.com/embed/uUu012-r_Y" title="Lenovo ThinkPad X1 Carbon - The Best ..to play; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" allowfullscreen>
```

HTML

In order to Correct this, I resolved the following three problems: First, I inserted the missing angle bracket (>) that completes the tag <iframe>. Second, I also fixed the title attribute as it was previously shortened, and now it must read the entire description of the video, for example, 'Lenovo ThinkPad X1 Carbon – The Best'. To do that, I learnt how to correctly format the allow attribute by using quotation to enclose the permissions such as autoplay, clipboard-write, etc.

CSS

Document checking completed. No errors or warnings to show.

Page 3

Html

Document checking completed. No errors or warnings to show.

CSS

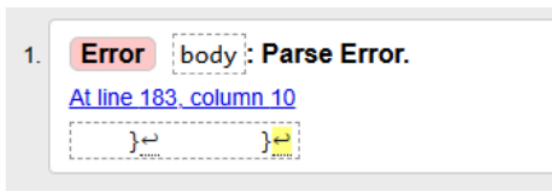
Document checking completed. No errors or warnings to show.

Page 4

HTML

Document checking completed. No errors or warnings to show.

CSS



This error was an easy fix i had just had to add a (}) so the CSS Rule set was successfully closed.

Page 5

HTML

Document checking completed. No errors or warnings to show.

CSS

Document checking completed. No errors or warnings to show.

Evaluation

1. Definition of Website Usability: Website usability is defined by the extent to which users can engage with a particular website. This includes the speed with which they can locate content, manoeuvre the site and take actions. Usability is all about how we make it easy and convenient for users to complete their tasks without much effort.

Role in Web Development: In web development, usability is considered a crucial factor as it determines the overall accessibility of the developed website. The characteristics of a usable human-centred website include ease of use, a well-organized and responsive website. This often leads to frustration, increased bounce rates, and a low chance of conversion, whether it is a sale, signup, or any other desired action.

Example study: S. Nielsen (2000) entitled 'Usability Engineering' is an important study in the usability literature. Nielsens work demonstrates the concept of usability testing and making necessary changes based on the results to make websites more effective. He found that the ease of navigation

on a website largely determines whether or not consumers will continue to interact with the website or not.

Key findings: Evidence that websites with a clear and predictable structure improve user experience. Usability testing and redesign, such as A/B testing and user feedback, contribute positively to design and functionality. Easy navigation, clarity and shorter loading times improve usability and increase user satisfaction.

Reference:

[Shop and Discover Books, Journals, Articles and more | Elsevier Shop](#)

2. Website Accessibility Definition: Website accessibility means that a website can be used by people with all kinds of disabilities, from physical to cognitive or even sensory. This includes the use of help text for images, the readability of web content for keyboard control, and the use of understandable language. Its goal is to make all content accessible to all persons with physical and mental disabilities.

Role in Web Development: Web accessibility is not only a legal requirement, well described in the Web Content Accessibility Guidelines (WCAG), but it is about making our websites inclusive and providing an equal experience to users.

Therefore, accessibility allows a website to reach more potential visitors, especially people with disabilities that prevent them from using a mouse and keyboard.

Example Study: The article Web Accessibility and Disabilities: Making Web Content Accessible to All by Lazar, Feng, and Hochheiser (2015) explains the effectiveness of compliance with WCAG 2.0 implementation. It examines how people with

disabilities are excluded from websites and how well-designed websites can help eradicate these issues.

Key Findings: WCAG-compliant websites are easier for disabled users, especially those who use screen readers to enable them to navigate the internet. Common accessibility issues include the absence of alt text on images, low contrast, and insufficient keyboard navigation. Sometimes adding aspects such as captions, alt text, and HTML semantics can have a significant impact on usability for people with disabilities.

Reference:

[Springer - International Publisher Science, Technology, Medicine | Springer — International Publisher](#)

3. Search Engine Optimization (SEO) Definition: SEO is the process of increasing the visibility of a website's content in order to achieve a better position on the Search Engine search engine results pages. The main purpose of SEO is to increase your ranking in key search engines like Google, Bing and Yahoo and increase organic traffic. SEO factors can be physical on the page itself (headers, keywords, descriptions, URLs) but also off-page (links, social sharing).

Role in Web Development: Hence the importance of SEO in improving the search visibility of a website in specific search engines. Organic search engine optimization allows the website to be indexed for certain keywords that increase the number of visitors, which would increase the possibility of the website's conversion rate. This search engine optimization also improves the user experience by making it easier for them to find the content they are looking for. From a technical point of view, SEO involves issues of increasing page speed, adopting a

format that is friendly to users of portable devices, and using structured data for better web indexing.

Example Study: J. Enge, M. Sholten, and E. Kuan wrote an article titled "Search Engine Optimization: A Study of How SEO Affects Web Traffic and Conversions," which seeks to establish the correlation between SEO, website traffic, and business. Performance. The research also considers several on-page and off-page SEO factors and their effect on the site's position in search results.

Key Findings: When creating content, proper keyword placement, high-quality content, and technical SEO such as site speed or mobile-friendliness lead to better site rankings. Backlinks from domain-specific authority pages are effective in boosting domain authority, giving websites better SEO results.

References:

[Usability Engineering - 1st Edition | Elsevier Shop](#)
[Springer - International Publisher Science, Technology,](#)
[Medicine | Springer — International Publisher](#)

Website Evaluation

Utility (Functionality):

The website's functionality is crucial and it serves its purpose by displaying multiple laptop models for businesses and gamers. The homepage highlights all available products, with the individual product pages providing detailed information such as specifications, pricing, and availability. The website is easy to navigate around with clear and bold buttons to take you to whatever page is needed with clear indication.

Usability (Look and Feel):

The design of my website is very visually appealing and user-friendly. The colour scheme aligns with a modern tech aesthetic while ensuring there's enough contrast for readability. The navigation buttons are clear with bold colours and clear images to showcase the product being displayed

I use SEO tactics to make the website more appealing by adding titles to clearly indicate between pages and clear headings and subheadings on each page for an overall more user-friendly experience

My website is very perceivable, ensuring its visual for all users, using the correct colours for text on each background. All buttons throughout the website are all correctly sized to ensure its compatibility through mobile and desktop devices.

References

[Shop and Discover Books, Journals, Articles and more | Elsevier Shop](#)



[Shop and Discover Books, Journals, Articles and more | Elsevier Shop](#)

Appendices

Products.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Our Products</title>
  <style>
    /* Resetting styles for consistency */
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }
```

```
/* Body and Global Styles */
body {
  font-family: 'Roboto', sans-serif;
  background-color: #f8f8f8;
  color: #333;
}

header {
  background-color: #005f6b;
  color: #fff;
  padding: 30px 0;
  text-align: center;
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

header h1 {
  font-size: 3rem;
  letter-spacing: 2px;
  text-transform: uppercase;
}

nav {
  background-color: #333;
  padding: 12px 0;
  text-align: center;
```

```
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}
```

```
nav a {  
    color: #fff;  
    text-transform: uppercase;  
    padding: 14px 25px;  
    text-decoration: none;  
    font-weight: 600;  
    margin: 0 15px;  
    letter-spacing: 1px;  
    transition: background-color 0.3s ease;  
}
```

```
nav a:hover {  
    background-color: #575757;  
}
```

```
/* Main Product Grid */
```

```
.product-container {  
    display: grid;  
    grid-template-columns: repeat(auto-fill, minmax(280px, 1fr));  
    gap: 30px;  
    padding: 30px 10%;  
    margin-top: 30px;  
}
```

```
/* Product Card Styling */
.product {
  background-color: #fff;
  border-radius: 12px;
  overflow: hidden;
  box-shadow: 0 12px 24px rgba(0, 0, 0, 0.05);
  transition: transform 0.3s ease, box-shadow 0.3s ease;
  padding: 20px;
  text-align: center;
}

.product img {
  width: 100%;
  height: 180px;
  object-fit: cover;
  border-radius: 8px;
  transition: transform 0.3s ease;
}

.product h2 {
  margin: 15px 0;
  font-size: 1.8rem;
  color: #333;
  font-weight: 700;
  text-transform: capitalize;
```

```
}
```

```
.product ul {  
  list-style: none;  
  margin-bottom: 15px;  
  padding-left: 0;  
}
```

```
.product li {  
  font-size: 1rem;  
  color: #555;  
  line-height: 1.6;  
}
```

```
.product p {  
  font-size: 1.4rem;  
  font-weight: 700;  
  color: #005f6b;  
  margin-bottom: 15px;  
}
```

```
.product a {  
  background-color: #005f6b;  
  color: white;  
  padding: 10px 20px;  
  text-decoration: none;
```

```
font-size: 1rem;
font-weight: 600;
border-radius: 5px;
transition: background-color 0.3s ease;
}

.product a:hover {
    background-color: #007e88;
}

/* Hover Effects */
.product:hover {
    transform: translateY(-10px);
    box-shadow: 0 18px 30px rgba(0, 0, 0, 0.1);
}

.product img:hover {
    transform: scale(1.05);
}

footer {
    background-color: #333;
    color: #fff;
    padding: 20px 0;
    text-align: center;
}
```

```
footer a {  
  color: #fff;  
  text-decoration: none;  
  font-weight: 600;  
  transition: color 0.3s ease;  
}
```

```
footer a:hover {  
  color: #005f6b;  
}
```

```
/* Responsive Design */
```

```
@media screen and (max-width: 768px) {  
  .product-container {  
    padding: 20px;  
    gap: 20px;  
  }
```

```
  header h1 {  
    font-size: 2.5rem;  
  }
```

```
  nav a {  
    padding: 12px 18px;  
    font-size: 0.9rem;
```

```
    }

    .product img {
      height: 200px;
    }
  }

  @media screen and (max-width: 480px) {
    .product-container {
      padding: 15px;
      gap: 15px;
    }

    header h1 {
      font-size: 2rem;
    }

    .product img {
      height: 150px;
    }
  }
</style>
</head>
<body>

  <header>
```

```
<h1>Our Premium Products</h1>
</header>
```

```
<nav>
  <a href="Products.html">Home</a>
  <a href="ContactUs.html">Contact Us</a>
  <a href="About.html">About Us</a>
</nav>
```

```
<div class="product-container">
  <div class="product">
    
```

```

    <h2>Lenovo Thinkpad X1 Carbon 11th Gen</h2>
    <ul>
      <li>14" (2880x1800) OLED Display</li>
      <li>Intel Core i7-1355U (3.7 - 5.0GHz) Processor</li>
      <li>32GB DDR5 RAM</li>
      <li>1TB SSD M.2 Storage</li>
      <li>Intel Iris Xe Graphics</li>
      <li>Windows 11 Pro OS</li>
    </ul>
    <p><strong>£2499.99</strong></p>
    <a href="Product1.html">View Product</a>
  </div>
```

```
<div class="product">
  
  <h2>ASUS Vivobook 15 OLED</h2>
  <ul>
    <li>15.6" 2.8K (2880x1620) OLED Screen</li>
    <li>Intel Core i7-1355U Processor</li>
    <li>16GB RAM + 1TB SSD</li>
    <li>Backlit Keyboard</li>
    <li>Military-grade Durability</li>
  </ul>
  <p><strong>£799.99</strong></p>
  <a href="Product2.html">View Product</a>
</div>
```

```
<div class="product">
  
  <h2>Dell Precision 7680</h2>
  <ul>
    <li>Intel Core i7-13850HX</li>
    <li>16GB RAM (4800 MHz DDR5)</li>
    <li>512GB SSD</li>
    <li>8GB NVIDIA RTX 2000</li>
    <li>40.6 cm (16") Full HD+ Display</li>
  </ul>
  <p><strong>£1500.00</strong></p>
```

[View Product](Product3.html)



Razer Blade 16

- Intel Core i9-13950HX
- NVIDIA GeForce RTX 4070
- 16" UHD+ (3840 x 2400), 120Hz
- 1TB SSD
- 16GB RAM

£3399.99

[View Product](Product4.html)

© 2024 Lenovo. All rights reserved.

[Privacy Policy](privacy.html) | [Terms of Service](terms.html)

Product1.html

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
  <title>New Product Launch - Detailed Specifications</title>
```

```
  <style>
```

```
    /* Global Reset */
```

```
    * {
```

```
      margin: 0;
```

```
      padding: 0;
```

```
      box-sizing: border-box;
```

```
    }
```

```
/* Body and Global Styles */  
body {  
    font-family: 'Roboto', sans-serif;  
    background-color: #f8f8f8;  
    color: #333;  
}  
  
header {  
    background-color: #005f6b;  
    color: white;  
    padding: 50px 0;  
    text-align: center;  
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}  
  
header h1 {  
    font-size: 3rem;  
    font-weight: 700;  
}  
  
.container {  
    max-width: 1200px;  
    margin: 0 auto;  
    padding: 40px 5%;  
}
```

```
section {  
    margin-bottom: 40px;  
}
```

```
h2 {  
    color: #333;  
    font-size: 2rem;  
    margin-bottom: 15px;  
    font-weight: 600;  
}
```

```
.product-image {  
    width: 100%;  
    max-width: 600px;  
    margin: 20px auto;  
    display: block;  
    border-radius: 8px;  
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.1);  
    transition: transform 0.3s ease-in-out;  
}
```

```
.product-image:hover {  
    transform: scale(1.05);  
}
```

```
.price {
```

```
    font-size: 2rem;  
    color: #e74c3c;  
    font-weight: 700;  
    margin-bottom: 15px;  
}
```

```
.key-features ul {  
    list-style-type: disc;  
    padding-left: 20px;  
    margin-bottom: 20px;  
}
```

```
.key-features li {  
    font-size: 1.1rem;  
    color: #555;  
    line-height: 1.6;  
}
```

```
.technical-specs table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-top: 20px;  
}
```

```
.technical-specs th, .technical-specs td {  
    padding: 12px;
```

```
    text-align: left;
    border: 1px solid #ddd;
}

.technical-specs th {
    background-color: #f4f4f4;
}

.call-to-action {
    text-align: center;
    margin-top: 30px;
}

.call-to-action p {
    font-size: 1.3rem;
    color: #333;
}

.call-to-action a {
    background-color: #005f6b;
    color: white;
    padding: 12px 24px;
    text-decoration: none;
    font-size: 1.1rem;
    font-weight: 600;
    border-radius: 6px;
```

```
    transition: background-color 0.3s ease;
}
```

```
.call-to-action a:hover {
    background-color: #007e88;
}
```

```
iframe {
    width: 100%;
    max-width: 800px;
    margin: 20px auto;
    display: block;
    border-radius: 8px;
}
```

```
footer {
    background-color: #333;
    color: white;
    text-align: center;
    padding: 20px 0;
    position: relative;
    bottom: 0;
    width: 100%;
}
```

```
footer a {
```

```
    color: #fff;  
    text-decoration: none;  
    font-weight: 600;  
    transition: color 0.3s ease;  
}
```

```
footer a:hover {  
    color: #005f6b;  
}
```

```
/* Responsive Design */
```

```
@media screen and (max-width: 768px) {  
    header h1 {  
        font-size: 2.5rem;  
    }  
}
```

```
.product-image {  
    max-width: 100%;  
}
```

```
section {  
    padding: 0 10px;  
}
```

```
.call-to-action a {  
    font-size: 1rem;  
}
```

```
}

@media screen and (max-width: 480px) {
  header h1 {
    font-size: 2rem;
  }

  .container {
    padding: 20px;
  }

  .product-image {
    max-width: 100%;
  }
}
</style>
</head>
<body>

<header>
  <h1>Introducing the Lenovo X1 Carbon 11th Gen</h1>
</header>

<div class="container">
  <!-- Product Image -->
  <section>
    <h2>Product Image</h2>
```


</section>

<!-- Product Overview -->

<section>

<h2>Product Overview</h2>

<p>Introducing the Lenovo X1 Carbon Gen 11 Laptop, a revolutionary new product combining cutting-edge technology, advanced features, and sleek design. Whether you're looking for performance, durability, or affordability, the Lenovo X1 Carbon 11th Gen delivers in every aspect.</p>

<p>This product is perfect for professionals, students, and tech enthusiasts who demand the best in performance and style.</p>

</section>

<!-- Price Section -->

<section>

<h2>Price</h2>

<p class="price">£2499.99</p>

</section>

<!-- Key Features -->

<section class="key-features">

<h2>Key Features</h2>

13th Generation Intel Core i5-1335U Processor (E-cores up to 3.40 GHz P-cores up to 4.60 GHz)

- Windows 11 Pro 64
- Integrated Intel Iris Xe Graphics
- 16 GB LPDDR5-6400MHz (Soldered)
- 256 GB SSD M.2 2280 PCIe Gen4 TLC Opak
- 14" WUXGA (1920 x 1200), IPS, Anti-Glare, Non-Touch, 100%sRGB, 400 nits, 60Hz, Low Power, LED Backlight

</section>

<!-- Technical Specifications -->

<section class="technical-specs">

<h2>Technical Specifications</h2>

<table>

<thead>

<tr>

<th>Feature</th>

<th>Specification</th>

</tr>

</thead>

<tbody>

<tr>

<td>Processor</td>

<td>Intel Core i5-1335U</td>

</tr>

<tr>

<td>RAM</td>

<td>16GB DDR4</td>
</tr>
<tr>
<td>Storage</td>
<td>256GB SSD</td>
</tr>
<tr>
<td>Display</td>
<td>14" WUXGA (1920x1200)</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Up to 20 hours</td>
</tr>
<tr>
<td>Charging</td>
<td>Quick Charge 4.0 (50% in 30 minutes)</td>
</tr>
<tr>
<td>Operating System</td>
<td>Windows 11 Pro</td>
</tr>
<tr>
<td>Weight</td>
<td>1.5kg</td>
</tr>

```
</tbody>
</table>
</section>
```

```
<!-- Call to Action Section -->
<section class="call-to-action">
  <h2>Get Yours Today!</h2>
  <p>Don't miss out on this cutting-edge technology. Order the
  Lenovo X1 Carbon 11th Gen today and experience a new level of
  performance!</p>
```

```
</section>
```

```
<!-- Product Video -->
<section>
  <h2>Watch Our Product in Action</h2>
  <iframe src="https://www.youtube.com/embed/uUuROl2-r_Y"
  title="Lenovo ThinkPad X1 Carbon - The Best" allow="accelerometer;
  autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-
  picture; web-share" allowfullscreen> </iframe>    </section>
</div>
```

```
<footer>
  <p>&copy; 2024 Lenovo. All rights reserved.</p>
  <p><a href="privacy.html">Privacy Policy</a> | <a
  href="terms.html">Terms of Service</a></p>
</footer>
```

```
</body>
```

```
</html>
```

Product2.html

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>New Product Launch - Detailed Specifications</title>
```

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

```
<style>
```

```
/* Global Reset */
```

```
* {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}
```

```
/* Body and Global Styles */
```

```
body {  
  font-family: 'Arial', sans-serif;  
  background-color: #f4f4f4;  
  margin: 0;  
  padding: 0;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  flex-direction: column;  
}
```

```
header {  
  background-color: #333;  
  color: white;
```

```
    text-align: center;
    padding: 20px 0;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
    width: 100%;
}
```

```
header h1 {
    font-size: 2.5rem;
    font-weight: bold;
}
```

```
.container {
    max-width: 1200px;
    margin: 20px;
    text-align: center;
}
```

```
section {
    margin-bottom: 40px;
}
```

```
h2 {
    color: #333;
    font-size: 2rem;
    margin-bottom: 15px;
    font-weight: 600;
```

```
}
```

```
.product-image {  
  width: 100%;  
  max-width: 500px;  
  display: block;  
  margin: 20px auto;  
  border-radius: 8px;  
  box-shadow: 0 8px 16px rgba(0, 0, 0, 0.1);  
  transition: transform 0.3s ease-in-out;  
}
```

```
.product-image:hover {  
  transform: scale(1.05);  
}
```

```
.price {  
  font-size: 1.5rem;  
  color: #e74c3c;  
  font-weight: bold;  
}
```

```
.key-features ul {  
  list-style-type: disc;  
  padding-left: 20px;  
  margin-top: 15px;
```

```
    text-align: left;
    display: inline-block;
}
```

```
.key-features li {
    font-size: 1.1rem;
    color: #555;
    line-height: 1.6;
}
```

```
.technical-specs table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
    margin-left: auto;
    margin-right: auto;
}
```

```
.technical-specs th, .technical-specs td {
    padding: 12px;
    text-align: left;
    border: 1px solid #ddd;
}
```

```
.technical-specs th {
    background-color: #f4f4f4;
```

```
}
```

```
.call-to-action {  
  text-align: center;  
  margin-top: 30px;  
}
```

```
.call-to-action p {  
  font-size: 1.3rem;  
  color: #333;  
}
```

```
.call-to-action a {  
  background-color: #005f6b;  
  color: white;  
  padding: 12px 24px;  
  text-decoration: none;  
  font-size: 1.1rem;  
  font-weight: bold;  
  border-radius: 6px;  
  transition: background-color 0.3s ease;  
}
```

```
.call-to-action a:hover {  
  background-color: #007e88;  
}
```

```
iframe {  
    width: 100%;  
    max-width: 800px;  
    margin: 20px auto;  
    display: block;  
    border-radius: 8px;  
}
```

```
footer {  
    background-color: #333;  
    color: white;  
    text-align: center;  
    padding: 20px 0;  
    position: relative;  
    bottom: 0;  
    width: 100%;  
}
```

```
footer a {  
    color: #fff;  
    text-decoration: none;  
    font-weight: bold;  
    transition: color 0.3s ease;  
}
```

```
footer a:hover {
```

```
    color: #005f6b;
}

/* Responsive Design */
@media screen and (max-width: 768px) {
    header h1 {
        font-size: 2.5rem;
    }

    .product-image {
        max-width: 100%;
    }

    section {
        padding: 0 10px;
    }

    .call-to-action a {
        font-size: 1rem;
    }
}

@media screen and (max-width: 480px) {
    header h1 {
        font-size: 2rem;
    }
}
```

```
.container {
  padding: 20px;
}

.product-image {
  max-width: 100%;
}
}
</style>
</head>
<body>

<header>
  <h1>Introducing the ASUS Vivobook 15 OLED!</h1>
</header>

<div class="container">
  <!-- Product Image -->
  <section>
    <h2>Product Image</h2>
    
  </section>

  <!-- Product Overview -->
  <section>
    <h2>Product Overview</h2>
```

<p>Everything is smoother with the powerful ASUS Vivobook 15 OLED, the feature-packed laptop with a brilliant 60 Hz OLED HDR display that has a cinema-grade 100% DCI-P3 gamut. And everything's easier too, thanks to user-friendly features including a 180° lay-flat hinge, a physical webcam shield and dedicated function keys to turn your mic and camera on or off.</p>

</section>

<!-- Price Section -->

<section>

<h2>Price</h2>

<p class="price">£799.99</p>

</section>

<!-- Key Features -->

<section class="key-features">

<h2>Key Features</h2>

15.6" 2.8K (2880x1620) 400nits OLED Screen

Powered by Intel's Core i7-1355U 5.0 GHz processor

16GB RAM paired with a massive 1TB PCIe SSD for all your storage needs

UK layout, backlit keyboard

ASUS Vivobook 15 complies with US MIL-STD 810H military-grade standard

</section>

```
<!-- Technical Specifications -->
<section class="technical-specs">
  <h2>Technical Specifications</h2>
  <table>
    <thead>
      <tr>
        <th>Feature</th>
        <th>Specification</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>Processor</td>
        <td>Intel Core i7</td>
      </tr>
      <tr>
        <td>RAM</td>
        <td>16GB DDR4</td>
      </tr>
      <tr>
        <td>Storage</td>
        <td>1TB SSD</td>
      </tr>
      <tr>
        <td>Display</td>
        <td>15.6" 2.8K (2880x1620) 400nits OLED Screen</td>
      </tr>
    </tbody>
  </table>
</section>
```

```
</tr>
<tr>
  <td>Battery Life</td>
  <td>Up to 24 hours</td>
</tr>
<tr>
  <td>Charging</td>
  <td>Quick Charge 4.0 (50% in 30 minutes)</td>
</tr>
<tr>
  <td>Operating System</td>
  <td>Windows 11 Pro</td>
</tr>
<tr>
  <td>Weight</td>
  <td>1.7kg</td>
</tr>
</tbody>
</table>
</section>
```

```
<!-- Call to Action Section -->
```

```
<section class="call-to-action">
```

```
<h2>Get Yours Today!</h2>
```

```
<p>Don't miss out on this cutting-edge technology. Order the
ASUS Vivobook 15 OLED today and experience a new level of
performance!</p>
```

</section>

</div>

<h2>Watch Our Product in Action</h2>

<iframe src="https://www.youtube.com/embed/JcgRdehYMI" title="ASUS Vivobook 15 X1504ZA 15.6" Laptop - Quick Look" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>

<footer>

<p>© 2024 Lenovo. All rights reserved.</p>

<p>Privacy Policy | Terms of Service</p>

</footer>

</body>

</html>

Product3.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>New Product Launch - Detailed Specifications</title>
  <link rel="stylesheet" href="css/style.css">
  <style>
    /* Global Reset */
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    /* Body and Global Styles */
    body {
      font-family: 'Arial', sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 0;
```

```
    text-align: center; /* Center everything */
}

header {
    background-color: #333;
    color: white;
    text-align: center;
    padding: 20px 0;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

header h1 {
    font-size: 2.5rem;
    font-weight: bold;
}

.container {
    max-width: 1200px;
    margin: 0 auto;
    padding: 20px;
    text-align: center; /* Center content within container */
}

section {
    margin-bottom: 40px;
}
```

```
h2 {  
  color: #333;  
  font-size: 2rem;  
  margin-bottom: 15px;  
  font-weight: 600;  
}
```

```
.product-image {  
  width: 100%;  
  max-width: 500px;  
  display: block;  
  margin: 20px auto;  
  border-radius: 8px;  
  box-shadow: 0 8px 16px rgba(0, 0, 0, 0.1);  
  transition: transform 0.3s ease-in-out;  
}
```

```
.product-image:hover {  
  transform: scale(1.05);  
}
```

```
.price {  
  font-size: 1.5rem;  
  color: #e74c3c;  
  font-weight: bold;  
}
```

```
.key-features ul {  
    list-style-type: disc;  
    padding-left: 20px;  
    text-align: left; /* Align features list to left for better readability */  
    margin: 0 auto;  
    max-width: 600px; /* Constrain the width */  
}
```

```
.key-features li {  
    font-size: 1.1rem;  
    color: #555;  
    line-height: 1.6;  
}
```

```
.technical-specs table {  
    width: 80%;  
    margin: 20px auto;  
    border-collapse: collapse;  
}
```

```
.technical-specs th, .technical-specs td {  
    padding: 12px;  
    text-align: left;  
    border: 1px solid #ddd;  
}
```

```
.technical-specs th {  
  background-color: #f4f4f4;  
}
```

```
.call-to-action {  
  text-align: center;  
  margin-top: 30px;  
}
```

```
.call-to-action p {  
  font-size: 1.3rem;  
  color: #333;  
}
```

```
.call-to-action a {  
  background-color: #005f6b;  
  color: white;  
  padding: 12px 24px;  
  text-decoration: none;  
  font-size: 1.1rem;  
  font-weight: bold;  
  border-radius: 6px;  
  transition: background-color 0.3s ease;  
}
```

```
.call-to-action a:hover {
```

```
background-color: #007e88;  
}
```

```
iframe {  
width: 100%;  
max-width: 800px;  
margin: 20px auto;  
display: block;  
border-radius: 8px;  
}
```

```
footer {  
background-color: #333;  
color: white;  
text-align: center;  
padding: 20px 0;  
position: relative;  
bottom: 0;  
width: 100%;  
}
```

```
footer a {  
color: #fff;  
text-decoration: none;  
font-weight: bold;  
transition: color 0.3s ease;
```

```
}
```

```
footer a:hover {  
    color: #005f6b;  
}
```

```
/* Responsive Design */
```

```
@media screen and (max-width: 768px) {
```

```
    header h1 {  
        font-size: 2.5rem;  
    }
```

```
    .product-image {  
        max-width: 100%;  
    }
```

```
    section {  
        padding: 0 10px;  
    }
```

```
    .call-to-action a {  
        font-size: 1rem;  
    }  
}
```

```
@media screen and (max-width: 480px) {
```

```
    header h1 {
```

```
        font-size: 2rem;
    }

    .container {
        padding: 20px;
    }

    .product-image {
        max-width: 100%;
    }
}
</style>
</head>
<body>

    <header>
        <h1>Introducing the Dell Precision 7680</h1>
    </header>

    <div class="container">
        <!-- Product Image -->
        <section>
            <h2>Product Image</h2>
            
        </section>
    </div>
</body>
</html>
```

<!-- Product Overview -->

<section>

<h2>Product Overview</h2>

<p>The Dell Precision 7680 is a powerful mobile workstation designed for professionals who demand high performance and reliability. Equipped with the latest Intel Core or Xeon processors, NVIDIA RTX graphics, and up to 128GB of RAM, it's perfect for handling demanding tasks such as 3D modeling, video editing, and scientific computing. Featuring a stunning 17.3-inch display with 4K resolution options and color accuracy, it provides an immersive visual experience. With its robust build quality, excellent thermal management, and extensive connectivity options, the Precision 7680 is ideal for those who need performance on the go.</p>

</section>

<!-- Price Section -->

<section>

<h2>Price</h2>

<p class="price">£1499.99</p>

</section>

<!-- Key Features -->

<section class="key-features">

<h2>Key Features</h2>

Intel Core I7-13850HX - Upto

16 GB Ram (4800 MHz DDR5-SDRAM)

512 GB SSD (M.2) NVMe

83 Wh 6 Cell Battery

8GB NVIDIA RTX 2000 (Intel® UHD Graphics
onboard)

40.6 cm (16") Full HD+ (1920 x 1200 pixels) Anti-glare
Screen

</section>

<!-- Technical Specifications -->

<section class="technical-specs">

<h2>Technical Specifications</h2>

<table>

<thead>

<tr>

<th>Feature</th>

<th>Specification</th>

</tr>

</thead>

<tbody>

<tr>

<td>Processor</td>

<td>Intel Core I7</td>

</tr>

<tr>

<td>RAM</td>

<td>16GB DDR4</td>

</tr>

<tr>

```
        <td>Storage</td>
        <td>512GB SSD</td>
    </tr>
    <tr>
        <td>Display</td>
        <td>16 inch Full HD+ (1920x1200)</td>
    </tr>
    <tr>
        <td>Battery Life</td>
        <td>Up to 20 hours</td>
    </tr>
    <tr>
        <td>Charging</td>
        <td>Quick Charge 4.0 (50% in 30 minutes)</td>
    </tr>
    <tr>
        <td>Operating System</td>
        <td>Windows 11 Pro</td>
    </tr>
    <tr>
        <td>Weight</td>
        <td>1.5kg</td>
    </tr>
</tbody>
</table>
</section>
```

<!-- Call to Action Section -->

<section class="call-to-action">

<h2>Get Yours Today!</h2>

<p>Don't miss out on this cutting-edge technology. Order the TechPro X100 today and experience a new level of performance!</p>

</section>

</div>

<h2>Watch Our Product in Action</h2>

<iframe src="https://www.youtube.com/embed/RDBFZeR3Y3M" title="IS IT WORTH THE MONEY? Dell Precision 7680 Unboxing and Review" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>

<footer>

<p>© 2024 Lenovo. All rights reserved.</p>

<p>Privacy Policy | Terms of Service</p>

</footer>

</body>

</html>

Product4.html

```
<!DOCTYPE html>
```

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

```
<head>
```

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

```
  <meta name="viewport" content="width=device-width, initial-  
scale=1.0">
```

```
  <title>New Product Launch - Detailed Specifications</title>
```

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

```
<style>
```

```
  /* Global Reset */
```

```
  * {
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    box-sizing: border-box;
}

/* Body and Global Styles */
body {
    font-family: 'Arial', sans-serif;
    background-color: #f4f4f4;
    margin: 0;
    padding: 0;
    text-align: center; /* Center everything */
}

header {
    background-color: #333;
    color: white;
    text-align: center;
    padding: 20px 0;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}

header h1 {
    font-size: 2.5rem;
    font-weight: bold;
}

.container {
```

```
    max-width: 1200px;
    margin: 0 auto;
    padding: 20px;
    text-align: center; /* Center content within container */
}
```

```
section {
    margin-bottom: 40px;
}
```

```
h2 {
    color: #333;
    font-size: 2rem;
    margin-bottom: 15px;
    font-weight: 600;
}
```

```
.product-image {
    width: 100%;
    max-width: 500px;
    display: block;
    margin: 20px auto;
    border-radius: 8px;
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.1);
    transition: transform 0.3s ease-in-out;
}
```

```
.product-image:hover {  
    transform: scale(1.05);  
}
```

```
.price {  
    font-size: 1.5rem;  
    color: #e74c3c;  
    font-weight: bold;  
}
```

```
.key-features ul {  
    list-style-type: disc;  
    padding-left: 20px;  
    text-align: left; /* Align features list to left for better readability */  
    margin: 0 auto;  
    max-width: 600px; /* Constrain the width */  
}
```

```
.key-features li {  
    font-size: 1.1rem;  
    color: #555;  
    line-height: 1.6;  
}
```

```
.technical-specs table {  
    width: 80%;
```

```
margin: 20px auto;
border-collapse: collapse;
}
```

```
.technical-specs th, .technical-specs td {
padding: 12px;
text-align: left;
border: 1px solid #ddd;
}
```

```
.technical-specs th {
background-color: #f4f4f4;
}
```

```
.call-to-action {
text-align: center;
margin-top: 30px;
}
```

```
.call-to-action p {
font-size: 1.3rem;
color: #333;
}
```

```
.call-to-action a {
background-color: #005f6b;
color: white;
```

```
padding: 12px 24px;  
text-decoration: none;  
font-size: 1.1rem;  
font-weight: bold;  
border-radius: 6px;  
transition: background-color 0.3s ease;  
}
```

```
.call-to-action a:hover {  
    background-color: #007e88;  
}
```

```
iframe {  
    width: 100%;  
    max-width: 800px;  
    margin: 20px auto;  
    display: block;  
    border-radius: 8px;  
}
```

```
footer {  
    background-color: #333;  
    color: white;  
    text-align: center;  
    padding: 20px 0;  
    position: relative;
```

```
        bottom: 0;
        width: 100%;
    }

    footer a {
        color: #fff;
        text-decoration: none;
        font-weight: bold;
        transition: color 0.3s ease;
    }
```

```
    footer a:hover {
        color: #005f6b;
    }
```

```
/* Responsive Design */
@media screen and (max-width: 768px) {
    header h1 {
        font-size: 2.5rem;
    }

    .product-image {
        max-width: 100%;
    }

    section {
        padding: 0 10px;
    }
```

```
    }

    .call-to-action a {
        font-size: 1rem;
    }
}

@media screen and (max-width: 480px) {
    header h1 {
        font-size: 2rem;
    }

    .container {
        padding: 20px;
    }

    .product-image {
        max-width: 100%;
    }
}
</style>
</head>
<body>

<header>
    <h1>Introducing the Razer Blade 16</h1>
</header>
```

```
<div class="container">
  <!-- Product Image -->
  <section>
    <h2>Product Image</h2>
    
  </section>

  <!-- Product Overview -->
  <section>
    <h2>Product Overview</h2>
    <p>6" QHD+ 240Hz OLED display - The OLED display truly
designed for the competitive gamer, featuring a VESA ClearMR 11000
rating and DisplayHDR 500 certified to ensure minimal blurring and vivid
colors. NVIDIA GeForce RTX 4090 Series Graphics - Packed for pure
performance with 1.50 gPD (Graphics Power Density), the Razer Blade
16 delivers up to 30 % more graphic power per cubic inch than any other
16" gaming laptop on the market.</p>
  </section>

  <!-- Price Section -->
  <section>
    <h2>Price</h2>
    <p class="price">£3399.99</p>
  </section>

  <!-- Key Features -->
  <section class="key-features">
```

<h2>Key Features</h2>

- Intel Core i9-13950HX
- NVIDIA GeForce RTX 4070 (Laptop, 140W)
- 16.0", UHD+ (3840 x 2400), 120 Hz, IPS
- 1000GB SSD
- 16GB RAM
- 2.45 kg (5.4 lbs)

</section>

<!-- Technical Specifications -->

<section class="technical-specs">

<h2>Technical Specifications</h2>

<table>

<thead>

<tr>

<th>Feature</th>

<th>Specification</th>

</tr>

</thead>

<tbody>

<tr>

<td>Processor</td>

<td>Intel Core i9</td>

</tr>

|
| |
 RAM | 16GB DDR4 ||
 Storage | 1TB SSD ||
 Display | 16 inch Full UHD+ (1920x1200) ||
 Battery Life | Up to 20 hours ||
 Charging | Quick Charge 4.0 (50% in 30 minutes) ||
 Operating System | Windows 11 Pro ||
 Weight |

```

                <td>2.45kg</td>
            </tr>
        </tbody>
    </table>
</section>

```

```

<!-- Call to Action Section -->
<section class="call-to-action">
    <h2>Get Yours Today!</h2>
    <p>Don't miss out on this cutting-edge technology. Order the
Razer Blade 16 today and experience a new level of gaming
performance!</p>
</section>
</div>

```

```

<h2>Watch Our Product in Action</h2>
<iframe src="https://www.youtube.com/embed/ShbKaX1lfvU"
title="Razer Blade 16 | World's First OLED 240 Hz 16" Display for
Gaming" frameborder="0" allow="accelerometer; autoplay; clipboard-
write; encrypted-media; gyroscope; picture-in-picture; web-share"
referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>

```

```

<footer>
    <p>&copy; 2024 Lenovo. All rights reserved.</p>
    <p><a href="privacy.html">Privacy Policy</a> | <a
href="terms.html">Terms of Service</a></p>
</footer>

```

```

</body>

```

</html>

Assignment 2

GRADEMARK REPORT

FINAL GRADE

40/100

GENERAL COMMENTS

demonstrates an understanding of fundamental concepts and achieves basic functionality. However, incomplete sections, missing validation results, and lack of detailed analysis limit its potential.

SUMMARY OF MISSING TASKS

Validation Results:

Screenshots showing HTML and CSS validation errors and their resolutions are missing. Missing detailed documentation of validation errors and corrections.

Screenshots of Web Pages:

Include clear screenshots of all website pages to demonstrate the implemented design.

Complete Appendices:

Include full code listings for all HTML and CSS files.

Research Depth:

Add more academic references, particularly peer-reviewed studies, to support claims.

PAGE 1

PAGE 2

PAGE 3

PAGE 4

PAGE 5



Comment 1 | Practical Application Skills

- The website is functional, responsive, and demonstrates a clear purpose. The layout is visually appealing, and the navigation structure is user-friendly.
- **What's missing/needs improvement:**
Screenshots of the website and validation results are not included.
Limited interactivity and advanced features, such as animations or dynamic content.
The implementation section is incomplete, with some pages missing detailed descriptions of HTML and CSS elements used.

- **Improvements:**

Include screenshots of all pages, along with descriptions of their structure and design choices. Enhance interactivity with features like a product comparison tool or a dynamic shopping cart.

Provide complete HTML and CSS listings in the appendices.



Comment 2 | Transferable Skills

-

The report follows a clear structure with labeled sections.

The writing is generally clear, and technical language is used appropriately.

- **What's missing/needs improvement:**

There are grammatical errors and typos (e.g., "mentions various correct ions" instead of "mentions various corrections").

The appendices are incomplete, and the word count is not aligned with the expected length.

- **Improvements:**

Proofread the report thoroughly to fix grammar and typos.

Include full listings of the HTML and CSS files in the appendices as required.

PAGE 6



Comment 3 | Cognitive and Intellectual

-

Evaluation includes usability and accessibility with specific examples (e.g., the use of alt text, proper button sizing).

SEO strategies, such as keyword placement and structured data, are mentioned.

- **What's missing/needs improvement:**

The evaluation lacks measurable data or validation results (e.g., scores from tools like Lighthouse, WAVE).

Missing detailed documentation of validation errors and their resolution.

- **Improvements:**

Provide detailed validation results with screenshots showing before-and-after corrections.

PAGE 7

PAGE 8

PAGE 9

PAGE 10

PAGE 11

PAGE 12

PAGE 13

PAGE 14



Comment 4

|

 Knowledge and Understanding

- Demonstrates an understanding of usability, accessibility, and SEO principles and their relevance in web development.
The role of SEO and its implementation in the project is explained.
- **What's missing/needs improvement:**
The explanation of web standards, such as semantic HTML and responsive design, is absent. Limited discussion on the reasoning behind design choices for functionality or aesthetics.
- **Improvements:**
Elaborate on how web standards and technologies like semantic HTML, CSS Grid, or Flexbox were applied.

Discuss how these standards enhance accessibility and SEO.



Comment 5

|

 Engagement with Literature

- The sources lack diversity; more peer-reviewed articles or academic journals would strengthen the work.
The references are incomplete (e.g., no proper IEEE formatting, missing details for some citations like author names and publication dates).
- **Improvements:**
Include at least three additional peer-reviewed sources on usability, accessibility, and SEO.

Use IEEE citation format consistently for in-text citations and the reference list.



Comment 6

|

 Engagement with Literature

IEEE style?

PAGE 26

PAGE 27

PAGE 28

PAGE 29

PAGE 30

PAGE 31

PAGE 32

PAGE 33

PAGE 34

PAGE 35

PAGE 36

PAGE 37

PAGE 38

PAGE 39

PAGE 40

PAGE 41

PAGE 42

PAGE 43

PAGE 44

PAGE 45

PAGE 46

PAGE 47

PAGE 48

PAGE 49

PAGE 50

PAGE 51

PAGE 52

PAGE 53

PAGE 54

PAGE 55

PAGE 56

PAGE 57

PAGE 58

PAGE 59

PAGE 60

PAGE 61

PAGE 62

PAGE 63

PAGE 64

PAGE 65

PAGE 66

PAGE 67

PAGE 68

PAGE 69

PAGE 70

PAGE 71

PAGE 72

PAGE 73

PAGE 74

PAGE 75

GRADING FORM: IWD 1

DYLAN BELL

40

ENGAGEMENT WITH LITERATURE

Your research of website usability, accessibility, and search engine optimisation under the evaluation section. The use of appropriate reference sources to support your work. The correct use of the appropriate citation/referencing convention



5

KNOWLEDGE AND UNDERSTANDING

understanding of Web standards as demonstrated by the outcome.



7

COGNITIVE AND INTELLECTUAL

interpretation of your validation and web accessibility testing overall evaluation of implemented website.



5

PRACTICAL APPLICATION SKILLS

creativity, responsiveness HTML/CSS coding quality Usability & website functionality, content



18

TRANSFERABLE SKILLS

Written quality, including spelling and grammar and the use of appropriate formal language. Structure and presentation of the report. Inclusion of all the requested material – (listings in the appendices)



5