

**ASSESSMENT AND INTERNAL VERIFICATION FRONT SHEET (Individual Criteria)**

(Note: This version is to be used for an assignment brief issued to students via Classter)

Course Title	Advanced Diploma in Digital Design		Lecturer Name & Surname	Matthew Cumbo Redd Caruana
Unit Number & Title	CASFT 406 2014 - Website Design			
Assignment Number, Title / Type	OMG, I'm a PROGRAMMER now!!			
Date Set		Deadline Date	27/01/2023	
Student Name	Etienne Ferrech	ID Number	364046	Class / Group CA-DDN-4-2A

Assessment Criteria	Maximum Mark
KU1 Describe the use of web servers and internet services.	10
KU2 Explain internet addressing, URL and web server.	10
KU3 Document any issues with the current website in the form of a technical/design documentation.	10
AA1 Produce a research design document outlining requirements gathering techniques, various types of websites and navigational structure (site map) of a multipage website.	10
AA2 Use semantic HTML5 mark-up and CSS3 selectors	10
AA3 Develop a working form with mailto attribute	10
AA4 Present how a website is uploaded to a web hosting service.	10
AA5 Identify areas of improvement for further development	10
SE1 Design the wireframes of every page in a multipage website	10
SE2 Develop a multipage website according to user requirements.	10
<b>Total Mark</b>	<b>100</b>

<b>Notes to Students:</b>
<ul style="list-style-type: none"> <li>This assignment brief has been approved and released by the Internal Verifier through Classter</li> <li>Assessment marks and feedback by the lecturer will be available online via Classter (<a href="http://mcast.classter.com">http://mcast.classter.com</a>) following release by the Internal Verifier</li> <li>Students submitting their assignment on Moodle/Turnitin will be requested to confirm online the following statements: <ul style="list-style-type: none"> <li><b>Student's declaration prior to handing-in of assignment</b> <ul style="list-style-type: none"> <li>❖ I certify that the work submitted for this assignment is my own and that I have read and understood the respective Plagiarism Policy</li> </ul> </li> <li><b>Student's declaration on assessment special arrangements</b> <ul style="list-style-type: none"> <li>❖ I certify that adequate support was given to me during the assignment through the Institute and/or the Inclusive Education Unit</li> <li>❖ I declare that I refused the special support offered by the Institute.</li> </ul> </li> </ul> </li> </ul>

## Technical Document

First, I used the classes container, row, and col-12 to have the structure of the page before adding other functions and not having a mess. .HTML and .CSS were linked to give a preview of the website. The class navbar was used to create the red stripe and the logo. The navigation bar was connected to other HTML files to make it interactive.

The styling of the navbar was done by using the font-family, font-size, text-align, padding and background-color to accomplish this look. The jumbotron class helped in creating the large image in the middle of the page.



Figure 1: Omni

(ViewSonic Corporation, 2022)

The changes that happened on the homepage are that the links from the side were set at the bottom. This change was needed as there was going to be a large amount of white space. Also, the images were removed from the bottom to make space for the links. A darker background was required because of the images as most of them have a white background.

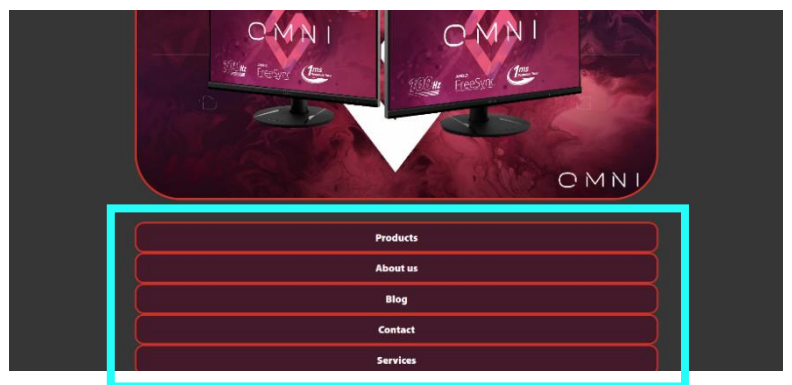
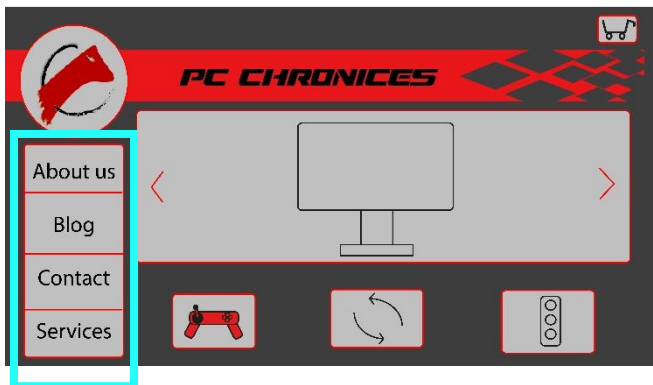
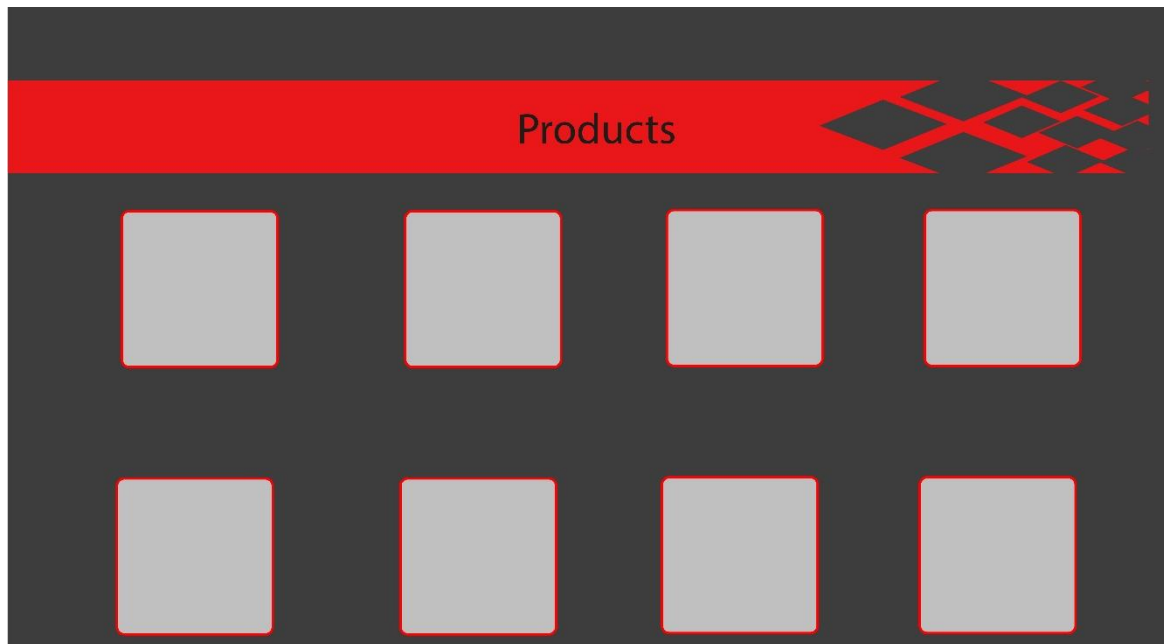


Figure 2: Omni

(ViewSonic Corporation, 2022)

The original design for the layout was, using small boxes to allow it to be interactive for the user. I changed this for bigger images, to be easier to view, and also prices are viewed instantly.



To accomplish the layout, I made a class that is named photos, grid, and grid template. Hence, these were used to make images next to each other. In addition, the navigation bar was copied on this page.

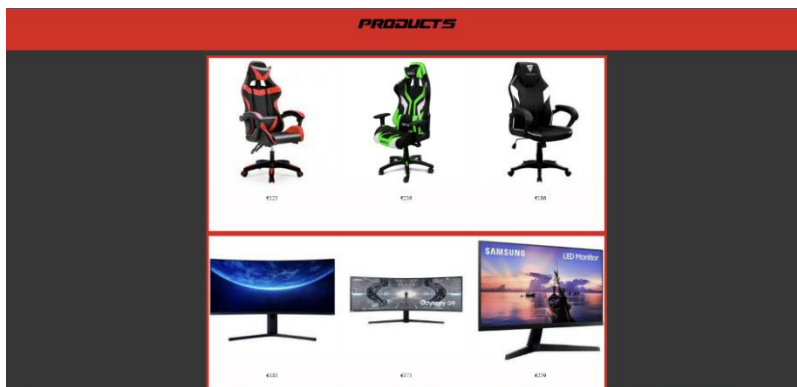


Figure 3: Gaming Chair- Red  
(Bureau Vallee, n.d.)

Figure 6: Xiaomi  
(TechPunt, 2023)

Figure 4: Gaming Chair- Green  
(Phonerefix, 2020)

Figure 7: Odyssey  
(Samsung, 2023)

Figure 5: Gaming Chair- Black  
(SCAN - PC Options Ltd, 2023)

Figure 8: Samsung  
(Think PC, 2023)

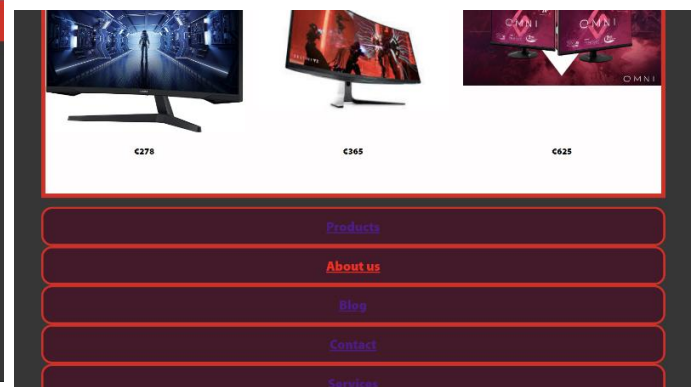


Figure 9: Samsung Odyssey  
(Exotique, 2022)

Figure 10: Alienware  
(Dell Inc., 2023)

Figure 11: Omni  
(ViewSonic Corporation, 2022)

This page was simpler than the original design. The removal of the light grey background allowed more space for the wording in order to be easier to read. I used the paragraph element to create the text. In the .CSS I have done the size and colour.



The blog page has the same layout as the product page. The difference between the two is that these do not require any prizes.

The original design included large squares rather than one huge. The 20% sign was an addition that I wanted to have but it would have come up messy to include on the new layout.

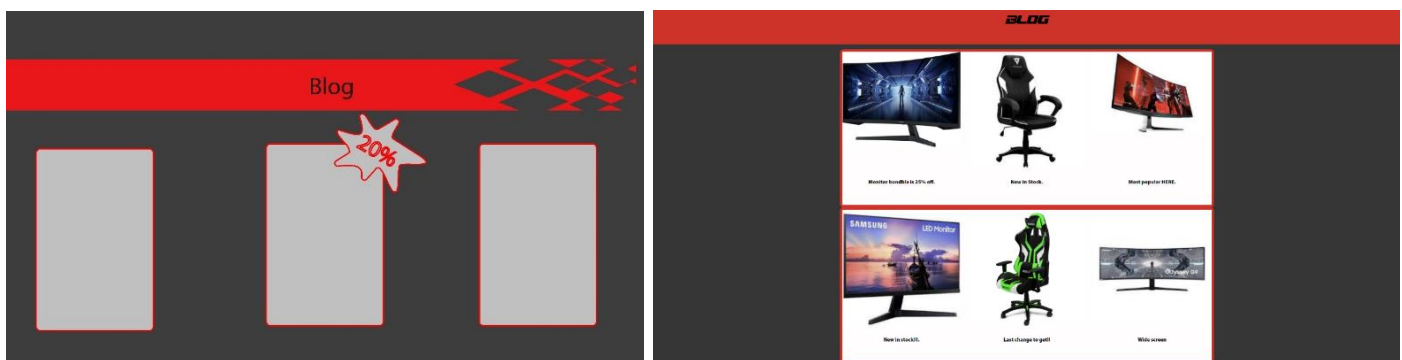


Figure 12: Samsung Odyssey  
(Exotique, 2022)

Figure 15: Samsung  
(Think PC, 2023)

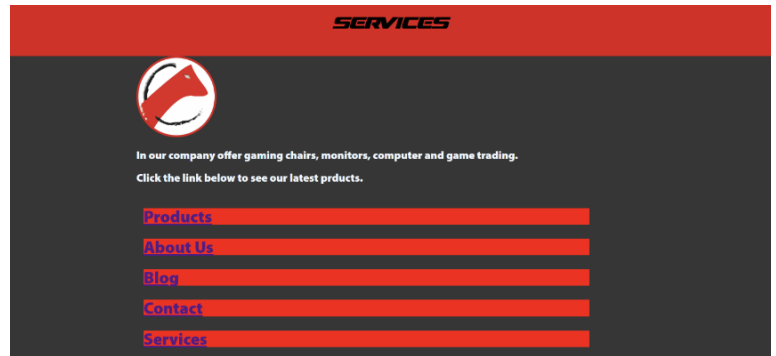
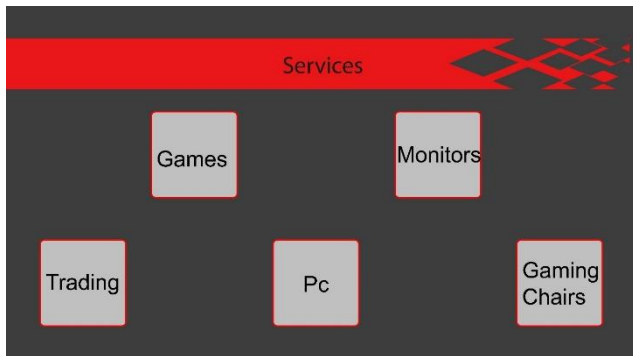
Figure 13: Gaming Chair- Black  
(SCAN - PC Options Ltd, 2023)

Figure 16: Gaming Chair- Green  
(Phonerefix, 2020)

Figure 14: Alienware  
(Dell Inc., 2023)

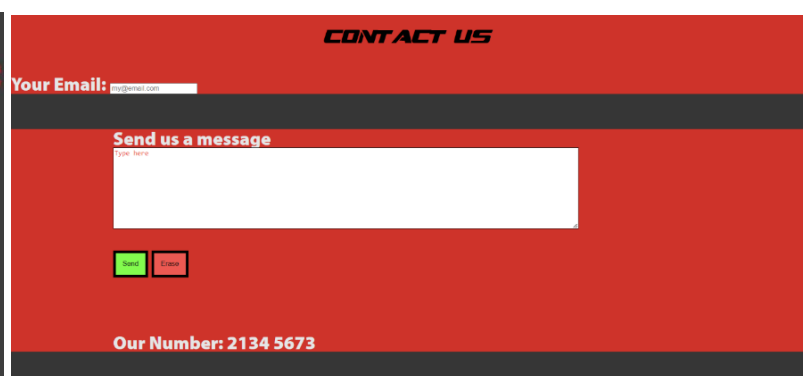
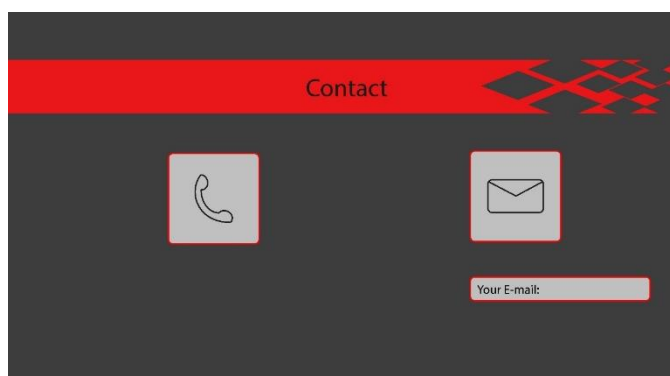
Figure 17: Odyssey  
(Samsung, 2023)

On the services page, I decided to add a sentence rather than images so that the viewers may have a better understanding. The navigation bar was added and styled differently than the others. This was styled as the navbar to keep the same consistency of the page.



On the Contact page, an email input was added so that the viewer may have the opportunity to contact the company for any queries. Also, a message input with the submit and clear buttons was included. In .CSS I changed the colours of the buttons to their necessary outcome.

The difference between the original design and the final outcome is that is more styled and more eye-catching for the viewer.



## E-commerce

Electronic commerce, commonly referred to as e-commerce or e-Commerce, is an idea in business that enables companies and people to purchase and sell items online (sameekshakhandelwal1712, 2022).

The internet is what drives e-commerce. Clients use their own devices to visit an online market, to navigate the selection and submit orders for goods or services. The client's web browser will interact constantly with the server that hosts the e-commerce website as the transaction is submitted (Lutkevich, Chai and Holak, 2022).

A centralised computer recognised as the order manager will receive order-related information. The information will then be sent to databases that control inventory levels, a merchant system that controls payment data using tools like PayPal and a bank system. In the end, it will then return to the order manager (Lutkevich, Chai and Holak, 2022).

This is done to ensure that there is enough stock in the store and money in the customer's account to complete the order. The retail aspect of online e-commerce is known as business-to-consumer (B2C). It occurs when companies sell goods, services, or data to customers immediately (Lutkevich, Chai and Holak, 2022).





## News Group

It is simple to join the News Group, a busy virtual conversation forum, using Usenet. As the newsgroup name denotes, every newsgroup has discussions about a particular subject. The newsgroup can be browsed, followed, and commented on by users using newsreader software. Notes submitted to a central website and disseminated via Usenet, a global network of news conversation forums, constitute a newsgroup, which is a discussion on a particular subject. Network News Transfer Protocol is utilised (NNTP) (sameekshakhandelwal1712, 2022).

One more characteristic of newsgroups is that not all of them are moderated. Newsgroups also differ in that some are moderated and some are not. An individual or group of individuals aid to monitor (enforce) newsgroups that are monitored. If an uploaded message is a SPAM, the moderators will take it down. The moderators most likely will delete the group if it deviates from the newsgroup's primary area or topic. Newsgroups are controlled by administrators, who ensure that only useful debate or data is shared. The opposite occurs in unmoderated groups. Since no one monitors them, anything can typically be posted to these newsgroups (Usenet Services LLC, 2023).

As part of the BIG-8 hierarchies, the hierarchy of misc.\* is a well-known group. It is a cluster that tackles subjects that are difficult to categorise into any of the alternative headings or that combine subjects from several categories. Miscellaneous\* groups typically have more activity than others due to the wide nature of the issues that users post in these groups in an effort to seek more individuals with whom to debate them (Fast Usenet, 2018).



Customers who debate various items and whether liking or hating that particular item are included in the miscellaneous consumers' category (Fast Usenet, 2018).

The retailers will highly benefit when using Newsgroup as it allows them to be closer to the consumers, their needs and queries. Similarly, it is also supportive to the consumers as they can have more information on the product they would like to purchase.

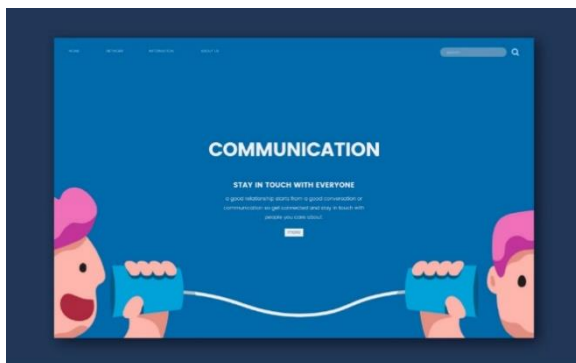


Figure 20: Communication  
(Usenet, 2021)



Figure 21: Newsgroup Hierarchies  
(Usenet, 2021)



sameekshakhandelwal1712., 2022. *Internet and its Services*. [Online] Available at: <https://www.geeksforgeeks.org/internet-and-its-services/> (Accessed 22 January 2023).

Samsung., 2023. *49" Odyssey G9 Gaming Monitor*. [Online] Available at: <https://www.samsung.com/us/computing/monitors/gaming/49-odyssey-g9-gaming-monitor-lc49g97tssnxdc/> (Accessed 14 December 2022).

SCAN - PC Options Ltd., 2023. *Thunder x3 ec1 Black/White Adjustable Gaming Chair*. [Online] Available at: <https://www.scanmalta.com/shop/thunder-x3-ec1-black-white-adjustable-gaming-chair.html> (Accessed 14 December 2022).

TechPunt., 2023. *Xiaomi Mi Curved gaming monitor 34 inch*. [Online] Available at: <https://www.techpunt.nl/en/xiaomi-mi-curved-gaming-monitor-34-inch.html> (Accessed 14 December 2022).

Think PC., 2023. *Samsung LED Gaming Monitor 24"*. [Online] Available at: <https://www.thinkpc.in/product/samsung-led-gaming-monitor-24-lf24t352fhw/> (Accessed 14 December 2022).

Usenet., 2021. *How are newsgroups created?* [Online] Available at: <https://www.usenet.com/how-are-newsgroups-created/> (Accessed 26 January 2023).

Usenet., 2021. *What is a newsgroup and how do I use them?* [Online] Available at: <https://www.usenet.com/what-is-a-newsgroup-and-how-do-i-use-them/> (Accessed 26 January 2023).

Usenet Services LLC., 2023. *What is Usenet?* [Online] Available at: <https://www.fastusenet.org/usenet.html> (Accessed 22 January 2023).

ViewSonic Corporation., 2022. *ViewSonic Expands its Gaming Monitor Line with the New Omni Series for Casual Gamers*. [Online] Available at: [https://www.viewsonic.com/global/presscenter/content/viewsonic-expands-its-gaming-monitor-line-with-the-new-omni-series-for-casual-gamers\\_5215](https://www.viewsonic.com/global/presscenter/content/viewsonic-expands-its-gaming-monitor-line-with-the-new-omni-series-for-casual-gamers_5215) (Accessed 14 December 2022).



### Minimum Evidence List

1	T1: PDF documents containing research and planning on Teams.	<input checked="" type="checkbox"/>
2	T2: Link to public GitHub repository.	<input checked="" type="checkbox"/>
3	T3: PDF document containing Technical Document on Teams.	<input checked="" type="checkbox"/>

Print this page and hand in with your assignment on final hand in date.