Website Report

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Contents

[WHAT IS HTML? 2](#_Toc97989010)

[WHAT IS CSS? 2](#_Toc97989011)

[EXAMPLE HTML TAGS 3](#_Toc97989012)

[WHAT IS INTERPLEX PMP? 4](#_Toc97989013)

[DESIGN 4](#_Toc97989014)

[NAVIGATION 5](#_Toc97989015)

[TESTING 6](#_Toc97989016)

[PROBLEMS OCCURRED 7](#_Toc97989017)

[CONCLUSION 8](#_Toc97989018)

[REFERENCES 8](#_Toc97989019)

# WHAT IS HTML?

HTML is the language used for creating a website it stands for Hyper Text Markup Language it is used to create and structure webpages. This contains open and close tags with text inside them Hyper Text Markup Language can be used for many different things such as publishing online documents, retrieving online information, designing forms and conducting transactions, users can also share videos online using Hyper Text Markup Language, and online shops can even be created using Hyper Text Markup Language.

# WHAT IS CSS?

Cascading style sheet is the language used for describing the presentation of web pages it stands for Cascading Style Sheets, which includes colours layouts and fonts. It allows users to adapt the presentation and look of different pages and dependent on the device used as phones or larger or even smaller screens. Cascading style sheet is dependent on Hyper Text Markup Language, but they can be used together. Many things can be changed in the Cascading style sheet including what colour the site is and the font that the site is using. Cascading style sheet is external to the Hyper Text Markup Language and stored in other files Cascading style sheet can save a lot of work for the creator as it’s easier to do and can be controlled to one page or all pages of the website once it’s imported.

# EXAMPLE HTML TAGS

Here is some example Hyper Text Markup Language tags that are used in and some of these will be used in my website.

|  |  |
| --- | --- |
| Tag | Description |
| <html> | It is the root of Hyper Text Markup Language document |
| <head> | It defines the head of a Hyper Text Markup Language document that contains non-visible data like metadata and other information |
| <h1> to <h6> | These are a group of heading tags used to create heading in a webpage |
| <p> | It defines the paragraph in a webpage |
| <b> | It is used to define bold text |
| <img> | It defines image on webpage |
| <a> | It defines a hyperlink to connect to other webpages |
| <link> | It defines connects other document with Hyper Text Markup Language document or defines some relationship |
| <table> | It defines a table |

# 

# WHAT IS INTERPLEX PMP?

Interplex PMP is a tier 2 automotive manufacturing facility that specializes in meeting customers’ demands. Interplex deals with Metal stamping, electrochemical plating, insert, and injection moulding. Interplex is 1 of only 5 companies with plating stamping inject moulding and engineering all under one roof. Interplex is based in 14 countries with 6 product development sites, 28 manufacturing sites, and 2 tech innovation centres. They produce parts for many companies such as ZF/TRW, Hella, Mechatronics Systems Wales, Sensata all tier 1 automotive companies. Arbroath’s site was opened on the 12th of February 1968. Arbroath’s site currently holds around 166 employees. In this website report, I will navigate the website I made why I made it and showcase some of the work we do at Interplex.

# DESIGN

When I was thinking about the design of the website, I had to think about the colour scheme and also the photos I was going to attach and also information I was going to I thought I would keep it a professional colour I used blue as it follows the logo of Interplex and grey and red cause it is more professional instead of colours like bright green or yellow. I used photos of machines and also the tool room as that is where a lot of the work is completed at Interplex and where the tools are made fixed and edited to fit the work that was required to complete for customers. I also implemented a line of code that I found online called a marquee which looked good and shows some of the hyper text markup languages that I’ve learned through class work and w3schools.

<MARQUEE bgcolor = " # CCCCCC " loop=" -1 " scrollamount=" 2 " width="100%"> INTERPLEX PMP </MARQUEE>

# NAVIGATION

In my website on the home screen, there is a slideshow to show multiple parts of Interplex which can be scrolled through I have used a script to attach 3 photos and it shows different photos of Interplex you can also click on the top bar that shows different pages that can be navigated to where users can go to the about page of Interplex where I have used information from my recent assignments. It also shows a little insight of Interplex’s goals and a bit about the company also displays a photo of our tool room where the toolmakers work on the machines that are used at Interplex. I have also put a home link on every page which just takes you back to the main page I personally think it’s extremely important for the website to be easy to use for users it makes a less stressful experience for users. I have attached links to the Facebook page where people can see the daily updates of what is happening in Arbroath Interplex and also a link to the actual Interplex website where lots of information about Interplex is including extensive information in the products that we make and use inside Interplex including technical bulletins and other white paper information about Interplex. It also shows other information on the Interplex site such as information about our plants in other countries.

Global Leader in Customized Interconnect Products

We create transformations across key end markets by applying our technology to new opportunities generated by megatrends.

33 Sites

12 R&D Sites

13 Countries

The website also has a page about parts where you can see some of the parts that we use at Interplex and what they do I have attached these using the < img > tag which I had to resize with height and width which I did have a bit of problem with at the beginning but slowly got to it using w3schools which is an extremely useful website when trying to complete a website.

I implemented a comments section so people can send comments to the website on what they think about it and if there were any questions for me as I am representing Interplex with this website. Clicking on the home screen and clicking the arrows at the left and right of the pictures will scroll through a slide show and show a few pictures of Interplex.

Using the Interplex website as a base I follow the part where you can view parts that Interplex creates and design for customers I got the inspiration off for the page for the parts also some of the information of what Interplex does. I tried to follow Interplex ease of use for users so they can find what they require when they require it. It follows the main sections along the top and where they can be accessed and also a contact us section, I took inspiration from their site and used it for mine.

# TESTING

The website was tested mainly on google chrome was also used for mobile testing Google Chrome was used. Testing was performed by the developer as well as users appointed to perform scenarios relating to each part of the web page.

How do I view the mobile version of a website in Chrome?

**Listed below are the steps to view the mobile version of a website on Chrome:**

1. Open Dev Tools by pressing F12.
2. Click on the “Device Toggle Toolbar” available.
3. Choose a device you want to simulate from the list of iOS and Android devices.
4. Once the desired device is chosen, it displays the mobile view of the website.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item Under Test** | **Description of Test** | **Expected**  **Result** | **Actual**  **Result** | **Changes/Modifications** |
| Slideshow | Click the arrow on the slideshow and it moves the picture | Changes picture | Changes picture | no |
| Mobile Screen | Website should shrink to fit a mobile screen | Shrinks to fit screen | Fits screen | no |
| Links pages | Click links along top takes to another page | links works | Yes | no |

Text

Description automatically generated

This is how the website will look if it’s viewed in the mobile version of windows chrome.

# PROBLEMS OCCURRED

During the creation of my website, I ran into a few problems such as resizing the home button this has been a problem, I have not been able to fix I have tried resizing it with cascading style sheet and also Hyper Text Markup Language, but this problem has never been fixed. I also had problems with the cascading style sheet in changing the colours of my < p > tags from the external cascading style sheet that I implemented. I had also had a problem with an external java script, but I did it inside the Hyper Text Markup Language code which makes it a little bit messy, but it does work. I also had problems with the cascading style sheet to line up all the work and aligning it to certain sides that I wanted it to go to.

# CONCLUSION

In conclusion I have found this website exciting to make it was interesting to see how far my skills in html could go and the joy I got out of making this website it was interesting to see the problems I came into and how I was going to fix the issues I ran into. I think testing was an extremely important part of the project so I made a little table and completed it to make sure the parts that I had required to work had work and how they worked and if there were any issues, I would have fixed them. I also think the navigation with a tutorial is important, so I added the section for navigation and went through where I got the information and how to work the website I had completed.

# REFERENCES

W3schools.com. 2022. *W3Schools Free Online Web Tutorials*. [online] Available at: <https://www.w3schools.com/> [Accessed 12 March 2022].

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