**Discovery Log**

**Week 1**

In this first practical of the semester we talked about some introductory stuff about the module, we then proceeded to prepare some tasks like start the creation of a Discovery Log, and get familiar with the virtual machine by tinkering with it.

We also explored a paper talking about “Information Security Management Principles” to help us with the worksheets on the week after.

**Week 2**

During this week we we’re asked to form groups between 4 and 8 people and make a document explaining how is data captured and shared on a daily basis considering its confidentiality, integrity and availability on the web.

The aim of that worksheet was to produce a strategy to be implemented in a “yet-to-be-created” social media and how that company would gather and secure that data, while understanding the digital footprint we leave on the web every day and ways to prevent it from being exposed to the wrong people.

**Week 3**

This week was dedicated to learning to read and understand academic papers, so that we could improve our search for documents to help with the development of the Literature Review. What was also given to us was some introductions and worksheets to help us write our essays in the correct way.

**Week 4**

In this week we made some worksheets to help us understand the concept of academic writing and how to write better in general, so that we could start with our Literature Reviews, and understand how we could evaluate the other students work.

**Week 5**

This week was more of a practical week since we started to learn the concepts of Markup Languages and HTML. We started with basic stuff, like creating our first HTML file and learning important elements and how to use them.

We also booted our VMs to start our servers and test everything we’ve done on the HTML files while the files we’re being hosted. This week was also the start of the development of our portfolio (This Website).

**Week 6**

\*Consolidation Week\*

**Week 7**

During this week we got an introduction to style and CSS. We started with the basics of CSS and the different types of it. With that we created our first stylesheet and tinkered with some style examples.

We also got shown a cool Star Wars opening crawl completely animated using only CSS to make the *keyframe* animations and all the styles that were applied to the text. The repository can be found [here]( <https://github.com/portsoc/episodeiv)>.

**Week 8**

In this week we looked at how to improve our productivity and efficiency, by improving the environment we code in, for example, customizing Atom with packages and themes. We also looked at how to sync the VM with a local folder on the computer with WinSCP or remote-sync for Atom (so that we can update the website while it is hosted).

**Week 9**

The aim of this week was to understand the concepts of design and how design affects the interaction with the user. We also did a group activity where we we’re given a couple of papers with words and we grouped them by category, and finally compare our results with the other groups, to have an understanding on how everyone thinks differently.

**Week 10**

This week was dedicated only to using images in HTML and how to implement them. The site with the example code is: (<https://portsoc.github.io/webf1_img/)>

**Week 11-12**

\*Christmas Break\*

**Week 13**

During this week we learned about linking between pages and how to have lists filled with links:

<section>

   <h1>My Favourite Websites:</h1>  
   <ul id=extlinks>

     <li><a href=”www.reddit.com”>Reddit</a></li>

     <li><a href=”www.youtube.com”>Youtube</a></li>

     <li><a href=”www.gmail.com”></a>Gmail</li>  
   </ul>

 </section>

**Week 14**

In this weeks’ practical we went through some steps in validating and reviewing websites, such as using W3C Validator and Jigsaw CSS Validator. We also talked about some steps and criteria we should apply when reviewing our peers’ websites.