

CSY1018: Web Development					
Due for Issue (week commencing):	Thursday, 10 <sup>th</sup> March 2022		Last Date for Submission:	Sunday, 17 <sup>th</sup> April 2022, 23:59	
Aspect (& weighting)	Excellent A	Good B	Satisfactory C	Needs some more work D	Needs much more work F
Implementation of pages (40%)					
Responsive Design (20%)					
Validation and code quality (10%)					
Site Report (10%)					
GitHub Usage (15%)					
Video Demonstration (5%)					

#### Submission Guidelines – Please read carefully

1. The University of Northampton's Policy on Plagiarism & Mitigating Circumstances will be strictly implemented.
2. This is not a group project, by submitting this assignment you are asserting that this submission is entirely your own individual work. You may discuss the assignment with other students but any code written should be your own. **Sharing your work with another student, or submitting code that was written by someone else may be deemed academic misconduct.**
3. If you have used any code that you did not write you must: i. Correctly reference the code in the report page (use Harvard referencing) ii. In your report page, clearly document which lines of code you used, where you used them and what they are used for.
4. You must supply **all four** items of assessment and **upload them to the correct submission points**. All work must be uploaded to Turnitin
  - I. GitHub Upload
  - II. Source code (zip file). The marker must be able to download and run your code. Do not include your video in your zip file
  - III. Source code word document (uploaded to turnitin)
  - IV. Video demonstration

Please make sure you double check all submissions. It is your responsibility as a student to ensure these guidelines have been met.

**Failure to follow the submission guidelines may result in a capped grade of F-.**

If the marker has any questions you may be asked to attend an online viva to discuss your submission.

## CSY1018 Web Development

### Assignment 1

#### Aims & Objective

The purpose of this assignment is to assess your ability to create a web page using HTML and CSS and manage your code using Git/GitHub. You are tasked with developing a portfolio with at least five pages.

#### Brief

You are tasked with developing a portfolio site with at least five pages:

1. **index.html** (home page). The first page is the home page which introduces the site's it introduces the site's purpose (portfolio), it could have a brief bio, tagline, welcome (like "Hi, I'm John" or site purpose).
2. **portfolio.html** (Portfolio page) this page will contain placeholder images that will eventually be replaced with your work from term 2 and other modules where you make things worthy of your portfolio. You need to use columns on this page to demonstrate your skill.
3. **contact.html** (Contact page) this page will contain your contact information and a form. Note: For CSY1018 you make the form launch the user's email program. Although this is not strictly the best way of working, you won't be able to implement a better solution as that requires a server-side language such as PHP which we will not use in this module.
4. **blog.html** (Blog page) You will use columns on this page to demonstrate your skill. The content should be largely typical for a blog and contain three entries around your progress on the assignment.
5. **sitereport.html** (Site report)
  - The report (250 word minimum) will contain your experience of learning the basics of web development, coding, design and debugging process. This should be a log or an informal conversation explaining your development experience. Include your ups and downs!
  - A 'reflective discussion of your module experience'
  - You will set out in the report the development of the site over the term and focus on both the technical and design of sites user interface (UI). Explain the design decisions you made, how you chose the font/colours and link to any sites which influenced your website's design.
  - Format the report with relevant sections, dates and headings.
  - You should include images of your progress and document any changes you made over time.
  - On this page, include screenshots of validation reports showing that your pages HTML and CSS validate

#### **Additional considerations**

Each page should use the same overall website layout and you should be able to reach each page from a navigation menu which is consistent across each page of the website.

Your site must be responsive, it must work correctly on mobile and desktop browsers and use appropriate techniques for doing so such as hiding the menu behind a hamburger icon.

You should ensure that you use the correct tags where appropriate. You will lose marks for using, for example, `<div class="nav">` instead of the correct `<nav>` tag!

In addition, your code should be uploaded to GitHub with regular commits logging your changes throughout the term. **Failing to upload the site to GitHub or Uploading the site in a single commit at the end of the term will result in a fail grade!**

### Video demonstration

In addition to the website, you will need to produce a short (5-10 minutes max) video demonstration that describes the website it must:

- Show each page of the website
- Give an overview of design decisions
- Give an overview of CSS concepts used

### PLEASE BE WARNED

- Templates, themes and/or boilerplates are forbidden (e.g. bootstrap). Their use will result in a fail grade. Using them will make it impossible for us to assess your code and UI design originality. If you are unsure please check with your tutors or post questions on the discussion board. Any WYSIWYG (whatyouseeiswhatyouget) or code generating editors such as Dreamweaver are not allowed for the same reason and their use will result in an automatic fail grade. Anything that generates code that has been demonstrated in class or code used in class is approved.
- **Table-based layout, the use of frames, font tags and absolute positioning for anything that is always visible on the page** will also result in an automatic fail grade. Please ask questions via the discussion board if you are unsure about this. These three techniques haven't been used in mainstream web development of over 20 years but last year we had a few people who used them due to content taught in some schools still. This is why you need to be wary of some tutorial websites as well.
- **Failing to upload any single part of the assignment will result in a fail grade regardless of what you have submitted for the other parts. You will get a fail grade if you do not submit:**
  - **The source code zip**
  - **The source code as a word document to Turnitin**
  - **The source code to GitHub**
  - **Your video demonstration**
- If unsure, please ask.

## Marking Criteria

Aspect (& weighting)	Excellent A	Good B	Satisfactory C	Needs some more work D	Needs much more work F
Implementation of pages (40%)	Correct tags are used for the correct purpose and 3/3 of the following:  Use of animations  Display: grid for website layout  Consistent layout across all pages	Correct tags are used for the correct purpose and 2/3 of the following:  Website is mobile friendly  Use of animations  Display: grid for website layout  Consistent layout across all pages	Correct tags are used for the correct purpose and 1/3 of the following:  Website is mobile friendly  Use of animations  Display: grid for website layout  Consistent layout across all pages	Pages work but are very basic and minimal.  Wrong tags are used in the wrong locations.	Does not meet requirements for a bare pass, uses tables for layouts, absolute URLs or position: absolute, or outdated methods such as font tags or frames, or uses bootstrap or a similar off the shelf solution.
Responsive design (20%)	3/3 of these have been completed:  Hamburger icon only appears on mobile phones  Menu can be closed  Menu is redesigned for use on phones	2/3 of these have been completed:  Hamburger icon only appears on mobile phones  Menu can be closed  Menu is redesigned for use on phones	1/3 of these have been completed:  Hamburger icon only appears on mobile phones  Menu can be closed  Menu is redesigned for use on phones	Mobile version exists but has significant issues, e.g. menu does not work or everything is too cramped together	Website does not have a mobile version
Validation and code quality (10%)	All HTML and CSS files pass validation	1 file (html or css) fails validation	2 files (html or css) fail validation	3 files (html or css) fail validation	Over 3 of files fail validation
Site report (10%)	Well documented, thoughtful site report	Good reflection and technical documentation	Some reflection and technical documentation	Little reflection and technical documentation	Little to no report
GitHub usage (15%)	Regular commits over time with meaningful commits and messages, multiple branches have been used	Regular commits over time with meaningful commits and messages	GitHub used throughout with some commits	Some use of Git to manage changes with at least 3 different commits on different dates and uploaded to GitHub at each point	No code uploaded to GitHub or a single commit at the end of term
Video Demonstration (5%)  Pass/fail only  <b>A video fail will result in an overall assignment fail!</b>	<p>To pass, the video must show all pages created, document design decisions and a provide good overview of the HTML structure and CSS used. This is a requirement to check that you understand the code you have submitted.</p> <p>5-10 minutes.</p> <p>If the marker has any questions you may be asked to attend an online viva to discuss your submission.</p>				

Note: An A+ requires exceptional work which goes above and beyond which is outlined here.