MANCHESTER METROPOLITAN UNIVERSITY
School of Computing, Mathematics & Digital Technology

ASSIGNMENT COVER SHEET

Unit:	6G4Z2101: Introduction to Web Design and Development
Assignment set by:	Marie Carroll and Peter McKenna
Verified by:	Matthew Crossley
Assignment number:	1CWK50 Part A: HTML5/CSS *(Part B: JavaScript will be released by Personal Tutor Week)*
Assignment title:	ePortfolio Website
Type: (GROUP/INDIVIDUAL)	Individual
Hand-in format and mechanism:	Work to be demonstrated during timetabled lab class after upload to Moodle
Deadline:	As indicated on Moodle

Learning Outcomes Assessed:

- Recognise and select basic client side technologies for particular purposes
- Write efficient and readable client-side code that is event- and object-driven, and runs on multiple browsers and platforms
- Apply web design usability principles in the creation of web content based on the business requirements of a given scenario, paying due cognizance to professional, legal and ethical issues

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It is your responsibility to ensure that your work is complete and available for assessment by the date given on Moodle. If submitting via Moodle, you are advised to check your work after upload; and that all content is accessible. Do not alter after the deadline. You should make at least one full backup copy of your work.

Penalties for late hand-in: see Regulations for Undergraduate Programmes of Study: http://www.mmu.ac.uk/academic/casqe/regulations/assessment.php. The timeliness of submissions is strictly monitored and enforced.

Exceptional Factors affecting your performance: see Regulations for Undergraduate Programmes of Study : http://www.mmu.ac.uk/academic/casqe/regulations/assessment/docs/ug-regs.pdf

Plagiarism: Plagiarism is the unacknowledged representation of another person's work, or use of their ideas, as one's own. MMU takes care to detect plagiarism, employs plagiarism detection software, and imposes severe penalties, as outlined in the Student Handbook (http://www.mmu.ac.uk/academic/casqe/regulations/docs/policies_regulations.pdf and Regulations for Undergraduate Programmes (http://www.mmu.ac.uk/academic/casqe/regulations/assessment.php). Bad referencing or submitting the wrong assignment may still be treated as plagiarism. If in doubt, seek advice from your tutor.

Assessment Criteria:	Indicated in the attached assignment specification.
Formative Feedback:	Formative feedback will be given in timetabled lab sessions
Summative Feedback format:	Individual verbal feedback will be given when work is demonstrated to your lab tutor
Weighting:	Part A: HTML5/CSS ePortfolio is weighted at 25% of the total unit assessment. (The separate Part B: JavaScript Video is also weighted at a further 25%).

Important information

This assessment is a **Staged Assessment,** divided into two parts: **Part A** and **Part B**. You must complete **both** parts. Each Part is worth 25% of the total unit mark and will test your understanding of different elements of the term 1 course material. This is **Part A only**.

Part A – HTML and CSS

The following assessed tasks will test your understanding of the HTML/CSS material covered in the first five weeks. Your code should be original, and not the result of following an online tutorial, or code provided for lab activities. You will be asked to explain sections of your code when the tutor marks it in class, to verify your understanding of it.

Before attempting the following assessed tasks, you should complete the appropriate in-class lab exercises, and any tasks set for self-directed study time.

You should work on this assignment in your own time while you complete the necessary background lab worksheets week-by-week, immediately applying what you have learned to your own ePortfolio pages. When you have completed your ePortfolio you will demonstrate it in a lab, where it will be marked by a tutor. You should finish this by Personal Tutor Week, so you can move on to the JavaScript lab sheets and assessed tasks.

The Task - Develop an e-portfolio

> "An e-portfolio (electronic portfolio) is an electronic collection of evidence that shows your learning journey over time. Portfolios can relate to specific academic fields or your lifelong learning. Evidence may include writing samples, photos, videos, research projects, observations by mentors and peers, and/or reflective thinking …. The real value of an e-portfolio is in the reflection and learning that is documented therein, not just the collection of work."
>
> (Source: https://sites.google.com/site/e-portfolioapps/overview)

A good e-portfolio will showcase your learning, development and achievements throughout your degree course. You can also include relevant information from what you did before coming to MMU.

The links below provide access to some sample e-portfolios. Have a look and consider the content in them. They include a combination of:

- personal details
- qualifications
- work experience
- examples of university work
- reflections on learning experiences
- evaluation of graduate attributes a student has gained
- personal goals

- career goals
- etc.

What you need to do:

a. Develop an e-portfolio website of 4 pages. Your site should include a combination of text and appropriate images.

   Your HTML pages should be coded using, where appropriate, the HTML5 semantic tags (see lecture notes for week 1).

   Your 4 pages could be:

   Page 1 - About me. This would be your landing page and should include:
   - Information traditionally found on a standard CV (name, prominently displayed; date of birth, etc.)
   - A brief introduction about yourself and why you chose your particular course
   - A table showing your qualifications to date, and
   - A picture of yourself
   - A navigation bar enabling the user to navigate to your other pages

   Pages 2 & 3 - Commentary on your 4 units, 2 units per page
   - Include a brief overview of what each unit covers (you can find information on the MMU website by doing a course search as if you were a prospective student).
   - Say what you have learned up to the point of getting your portfolio marked, and add a brief personal reflection (e.g. how you feel you are doing with each unit, what you've found easy/difficult). If relevant, say what previous experience you have that you think is relevant to individual units.
   - Each page should include at least one relevant image (e.g. a screen shot of something you have done in Processing) and a link to an external website (e.g. processing.org).

   Page 4 – Personal Development Self Assessment
   - Evaluate yourself in terms of the following graduate attributes (the 'soft skills') which graduate employers look for). Which ones are you good at? What examples could you give to demonstrate why you are good at them? Where do you need to improve? You will find it helpful to first complete the Personal Development Self-Assessment you have been asked to complete before Tutor Week Personal Development Self Assessment.

     - Critical Thinking and Problem Solving
     - Professionalism
     - Communication Skills
     - Teamwork and Leadership
     - Learning and Research Skills

b. Style your website using an external stylesheet. Your stylesheet must include styles for layout and formatting. You must not use a stylesheet that you have produced as a direct result of following the lab worksheets. **Code that is just a reproduction of code from a lab activity will not receive any marks.**

Your page layout should, as a minimum, consist of a header, navigation/menu bar, main content area and footer, all nested within an outer container. But do try to be a bit more creative and implement a more complex layout. You should make it look professional, and something you are proud of.

c. Create a menu for internal navigation of your site. **Your navigation menu must be implemented using a styled html list.**

d. Add appropriate and concise comments within the code of your html pages and your css document, to show that you understand your code.

e. Implement features to address usability and accessibility. Refer to the lecture slides in Week 4 of Moodle, and the two Lynda.com video links in the slides. Make a note of what you have implemented in a Word document, and be prepared to explain and demonstrate it to the tutor when your website is marked.

f. Make your website as responsive, so it adapts to different viewport sizes.

You should aim to get your e-portfolio completed by the **week commencing 31st October**, which is your **Checkpoint Week** for this part of the assessment.

You should demonstrate your work to your lab tutor that week, and get formative feedback that will help you improve your work.

You should then aim to act on any feedback, and submit your final version as soon as possible after Tutor Week. Once your work has been submitted on Moodle, you can demonstrate it during a lab session, and get your mark. After Tutor Week, you should be able to concentrate on Part B of the Assignment (JavaScript).

Assignment Checklist/Self-Review Form: Assignment Part A

Checklist of elements you should have included			If No, what is the room for improvement and what needs to be done? {complete following review*, and advice from tutor}
	Yes	No	
At least 4 HTML pages			
External stylesheet linked to all pages			
Clear internal navigation			
At least two links to appropriate external websites			
Clearly commented code demonstrates understanding			
Note of usability and accessibility features you have implemented			
Website is responsive, adapting to different viewport sizes			

Marking Grid		0	2	4	6	8	10
Code uses HTML5 structural tags appropriately	*10*	No use of HTML5 structural tags	Only uses HTML5 <header>, <nav>, <footer>	Includes <header>, <nav>, <footer> with minimal use of other HTML5 such as <article>, <section>, <aside>. Includes tags where HTML5 tags would be appropriate.	Includes <header>, <nav>, <footer> with some use of other HTML5 such as <article>, <section>, <aside>, but not consistently applied across all html pages.	HTML5 tags mostly used appropriately throughout all pages, including <header>, <nav>, <footer>, <article>, <section>, <aside>. May include some use of where HTML5 could have been used.	HTML5 tags used appropriately throughout all pages, including <header>, <nav>, <footer>, <article>, <section>, <aside>. Divs used only to wrap content for styling.
All code is neatly structured and uses appropriate indenting	*8*	Very poorly presented code. No indenting and poor spacing	Code poorly presented overall, with some indenting to reflect nesting	The HTML or CSS is presented well, but not both.	HTML and CSS code, and comments, largely presented well, but with room for improvement (layout and/or nesting.	All code and comments neatly laid out, spaced out for good readability, and appropriately indented to reflect nesting.	
Comments communicate clearly and accurately what is happening in the code	*8*	No comments	Very few comments throughout html and css and/or comments do not demonstrate understanding.	CSS and all pages include comments, but comments do not demonstrate understanding.	Code includes acceptable amount of comments, but they could be more meaningful and/or concise	HTML and CSS have meaningful comments throughout. All pages are commented.	
Site adapts to different viewport sizes	*8*	Pages use fixed layout, no responsiveness	Poor responsiveness - layout breaks easily when viewport is resized.	Some elements on the page adapt well to different viewport sizes, but others (e.g. menu or images) do not.	Site is mostly responsive through good use of floats and percentages and some use of media queries. Does not accommodate smaller mobile devices.	Good responsiveness (does not need to be perfect). Media queries largely well implemented for display screens ranging from pc to mobile.	
Content meets the brief and is not trivial. Site looks professional.	*8*	Minimal content, and pages missing, and poor layout and design.	Website is missing one or more pages, page content is minimal, layout is poor, site looks unprofessional.	Includes all pages specified in brief. Could be improved in **two** areas from amount of content, neat layout, reasonably professional appearance.	Includes all pages specified in brief. Could be improved in **one** area from amount of content, neat layout, reasonably professional appearance.	Includes all pages specified in brief, each page meets content brief, neat layout, looks reasonably professional.	
Usability and accessibility features have been implemented	*8*	Give one mark for each usability/accessibility feature					