School of Design and Informatics

Assessment Instrument Coversheet

Module Code: CMP204

Module Title: Dynamic Web Development 1

Unit of Assessment: Unit 1 (40%)

Learning Outcomes: 1, 2, 3, 4

Lecturer: Dr Lynsay Shepherd

Submission Date: 27th October 2020

Feedback Return Date: 10 working days

Feedback Type: Feedback via My Learning Space

Grading Criteria: Refer to final page of this document

CMP204 Dynamic Web Development 1

Unit 1- Portfolio (Client Side)

Task
The coursework for this module involves the development of a dynamic web application. You should build your application week-by-week, adding in new skills you have learned. The full details of the assessment are outlined in this document.

You must **not** use WordPress or any other content management system when developing your coursework web application.

1. Web Application – Client Side (40%)

You will need to develop a client-side web application. The web application must be based around **a musical band or solo artist**. The requirements for the submission are outlined in the sections below.

General requirements

The web application must look professional, and possess the following characteristics:

- An attractive layout, suitable colour scheme, and a good use of images
- Good contrast between the background and text
- Clear functionality from the perspective of the user

Specific requirements

The web application should be dynamic with the following technical requirements:

- Use of HTML5
- HTML, CSS, JavaScript has been contained within separate files
- Use of the Bootstrap framework providing a responsive layout
- Use of JavaScript to manipulate the DOM based on an event
- JavaScript loading of dynamically changing information
- Use of jQuery in conjunction with the DOM
- Use of a jQuery plugin to enhance the functionality of your application
- Appropriate consideration of relevant laws e.g. the "Cookie Law"

These requirements must be addressed individually - you cannot implement one feature and expect it to count for multiple items on this checklist. To give an

example, you will need separate features for using jQuery in conjunction with the DOM, and using a jQuery plugin to enhance your application.

You should include a requirements page in your application (named req.html – a template has been provided). For each of the requirements provide a sentence or two, explaining how you implemented the requirement. Please also indicate the names of the files, and line numbers where you have implemented the requirement e.g. fileOne.html, otherFile.js, etc.

Additional information

If you are using images in your application which belong to others, place a comment in your HTML page stating the URL of the original image location

Submission details

Your coursework should be submitted via the coursework submission link on My Learning Space before the deadline, as indicated on the first page. Feedback will be provided by the Module Leader by the date listed on the front cover.

There is one upload area for the coursework on My Learning Space:

- Submit one single zipped folder containing all files pertaining to the web application developed. **Submit a .zip file**.

You should also host your project files on the Mayar server as follows:

- mayar.abertay.ac.uk/~studentnumber/cmp204/coursework1/

The main page of your web application should be placed in the following location:

- mayar.abertay.ac.uk/~studentnumber/cmp204/coursework1/index.html

The requirements page of your web application should be placed in the following location:

- mayar.abertay.ac.uk/~studentnumber/cmp204/coursework1/req.html

Marks will be deducted if the files have not been placed in the correct location, as the marker will be unable to fully access the application.

Marking Scheme

Marked in accordance with university regulations. See the following rubric for the marking scheme.

Requirement	Grade					
	A+/A	B+/B	C+/C	D+/D	MF	F
HTML, CSS, JavaScript has been contained within separate files	Excellent- code has been placed into separate files.	Very good- code has mostly been placed into separate files.	Good- some flaws or omissions with placing code into separate files.	Satisfactory- significant issues with placing code into separate files	Unsatisfactory- code contains several errors and has not been placed into separate files.	Code missing.
A clear use of HTML5	Excellent- HTML5 has been used throughout the application to good effect.	Very good- HTML5 has been used on most of the pages within the web application.	Good- HTML5 has been used on most of the pages within the web application with some flaws or omissions.	Satisfactory- HTML5 has been used on most of the pages within the web application with significant flaws or omissions.	Unsatisfactory- HTML code has been used but it does not follow HTML5 standards.	No HTML code submitted.
Use of the Bootstrap framework providing a responsive layout	Excellent- Bootstrap has been used throughout the application to provide a responsive layout.	Very good- Bootstrap has been used on most pages of the application to provide a responsive layout.	Good- Bootstrap has been used on most pages of the application to provide a responsive layout, with some flaws or omissions.	Satisfactory- Bootstrap has been used on most pages of the application to provide a responsive layout, with significant flaws or omissions.	Unsatisfactory- Limited use of Bootstrap.	Bootstrap has not been used.
Use of JavaScript to manipulate the DOM based on an event	Excellent- JavaScript used very effectively to manipulate the DOM based on an event.	Very good- JavaScript used to effectively manipulate the DOM based on an event.	Good- JavaScript has been used to manipulate the DOM based on an event with some flaws or omissions.	Satisfactory- JavaScript has been used to manipulate the DOM based on an event with significant flaws or omissions.	Unsatisfactory- Limited use of JavaScript to manipulate the DOM.	JavaScript has not been used to manipulate the DOM.
JavaScript loading of dynamically changing information	Excellent- JavaScript used very effectively to load dynamically changing information	Very good- JavaScript used effectively to load dynamically changing information	Good- JavaScript used to load dynamically changing information with some flaws or omissions.	Satisfactory- JavaScript used to load dynamically changing information with significant flaws or omissions.	Unsatisfactory- Limited use of JavaScript to load dynamically changing information.	JavaScript has not been used to load dynamically changing information.
Use of jQuery in conjunction with the DOM	Excellent- jQuery has been used very effectively in conjunction with the DOM.	Very good- jQuery has been used effectively in conjunction with the DOM.	Good- jQuery has been used in conjunction with the DOM with some flaws or omissions.	Satisfactory- jQuery has been used in conjunction with the DOM with significant flaws or omissions.	Unsatisfactory- Limited use of jQuery in conjunction with the DOM.	jQuery has not been used in conjunction with the DOM.
Use of a jQuery plugin to enhance your application	Excellent- jQuery plugin has been used to very effectively enhance the application.	Very good- jQuery plugin has been used to effectively enhance the application.	Good- jQuery plugin has been used with some flaws or omissions.	Satisfactory- jQuery plugin has been used with significant flaws or omissions.	Unsatisfactory- Limited use of a jQuery plugin.	A jQuery plugin has not been used with the application.

Appropriate consideration of relevant laws	Excellent- Relevant laws are considered in great detail.	Very good- Relevant laws are considered in detail.	Good- Relevant laws are considered with some flaws or omissions.	Satisfactory- Relevant laws are considered with significant flaws or omissions.	Unsatisfactory- Limited consideration of relevant laws.	Laws have not been considered.
req.html contents have been completed	Excellent- Req.html contents have been completed in great detail.	Very good- Req.html contents have been completed in detail.	Good- Req.html contents have been completed with some flaws or omissions.	Satisfactory- Req.html contents have been completed with significant flaws or omissions.	Unsatisfactory- req.html is largely incomplete.	req.html has not been completed.
Web application is available on Mayar at the requested location	Web application is available at requested location on Mayar.	N/A	N/A	N/A	N/A	Web application is unavailable at requested location on Mayar.
Overall web application	A+: all requirements are at grade A, with exceptional effort made in some areas. A: the majority of requirements are at grade A, with the others being in the B+/B range.	B+: most requirements are at grade B, with 1-2 in the A+/A range. B: the majority of requirements are at grade B, with the others being in the C+/C range.	C+: most requirements are at grade C, with 1-2 in the B+/B range. C: the majority of requirements are at grade C, with the others being in the D+/D range.	D+: most requirements are at grade D, with 1-2 in the C+/C range. D- the majority of requirements are at grade D, with 1-2 MFs.	MF- most requirements are at grade MF.	F: Limited evidence learning outcomes have been achieved.