QQI AWARD

Web Authoring Project (70%)

(5N1910)

LEVEL 5

Candidate: _____

Submission Date: _____

Issued on: 12-03-2019   **Assignment Due**: 9-04-2019

Checklist for submission:

Printouts	*Files and folders*
[ ] Report Cover [ ] Report (main) [ ] Bibliography (reference list) [ ] Appendices [ ] Website Pages (screenshots/from browser) You do NOT print out the css / html code	[ ] Zipped Folder: The completed report with another folder containing all of the files produced in designing and constructing the webpage(s) [ ] ALL WORK DEVELOPED MUST BE SUBMITTED ON MOODLE

Assessment Brief

INSTRUCTIONS TO CANDIDATES

Produce a typed report using the template supplied. You are to identify a local business, charity, support group, sports club, educational establishment or other suitable topic approved by your trainer. You will plan and develop a website for this.

Create a folder called "LastnameFirstnameWebProj". Within this folder you will place your webpages (at least four), css page(s), and all images/ icons will be placed in appropriately named folder(s).

Tasks to be documented in the report are highlighted below.   If it's not documented, it wasn't completed.

You will be graded on the project based on the following criteria and marking scheme.

Report Structure, Content and Marking Scheme:

Ref	Criteria
a)	**Cover page** with the following information: 1. Title (pick a suitable title), Module Name and number, your name. A graphic is optional. 2. All pages numbered and information, pictures and diagrams clearly and neatly presented.
b)	**Introduction:** **[5 Marks TOTAL]** Describe the purpose and objectives of the website. What is the website about? How/why choose this? What is it intended to do? Who would be interested?
c)	**Planning and Preparation:** **[35 Marks TOTAL]** 1. Pick a suitable and available domain name. Price the domain purchase and hosting cost with two vendors. Compare the offers and explain which you'd choose and why. **(6)** 2. Look up sites similar to the site you are designing: note the urls for your reference list. Take note of the structure and content of the site: what was good about the site? What could be improved? Why did these sites rank prominently in the search results? Use these notes to aid decisions about your site (keywords, description, and content). Take note of the elements that you should incorporate into your site in section d. **(4)** 3. Create a list of all websites used in compiling information for your project: Note the name of the site and article, the url and the date accessed. **(2)** 4. Create a rough sketch (**wireframe**) on paper/ electronic copy, of your planned page layout. **(5)**

5. Create **a site map** and map out a logical navigation solution. Complete the table making note of what pages you will make, and the content you plan to have on each page. **(8)**

6. Design a user interface for specified target audience and indicate how you have taken account of the principles of C.R.A.P. in planning your design. **(4)**

7. Tools: List a range of tools, both online and offline that you use(d) in the development, creation and maintenance of a website including editors, graphics applications and tools for uploading a site to a server. **(6)**

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d) **Website development:** **[80 Marks TOTAL]**

1. Your pages will have text and images. Include suitable multimedia. **(5)**

2. Correct use of HTML including:

   - correct html page structure including doctype, appropriate titles, meta information (including **charset**, **author**, **keyword**, **description**, **robot**) **(9)**

   - Use of a **wide range of html tags** to include: **(15)**

     i. special symbols and characters (at least two)

     ii. lists and/or tables

     iii. headings and paragraphs

     iv. images (appropriately sized with alt tags)

     v. links (externals open in a new window)

     Note: You may use a Google form if you wish to include a form on your site.

3. Correct use of CSS **in an external stylesheet** including: **(16)**

   i. Class and id as selectors

   ii. Use of Google fonts with fall-backs

   iii. Font and text properties

   iv. Background properties

   v. Positioning; including min. one of- absolute, relative, static, fixed, float

   vi. Borders

   vii. Padding and margins

   viii. Pseudo-elements

Bonus: including a favicon, custom 404/other page, an XML sitemap, minified site (images and pages) (5 marks each up to a maximum of 20 marks for all).

4. Make sure that the page is error free before continuing: you may use the W3C validation service to help with finding errors in both your CSS and HTML: Include a screenshot of the validation- make a note of any errors found and how you fixed them/were unable to fix them**. (10)**

5. The completed site must next be uploaded to a web server using FTP: include the url of the site in your report. Screenshot your FTP Client with link established. **(10)**

6. Test each page:

   - Ensure that all pages and links are displaying and working properly. **(5)**

   - Use a tool to measure the speed of the site and report results and recommendations. **(5)**

   - Include a screenshot of each page using different browsers. Comment on any differences that you might notice in how the pages display in different browsers. **Y**ou may place snapshots in an appendix if you wish. **(5)**

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e) | **Future Planning:**   **[20 Marks Total]**

1. Create maintenance guidelines in the form of a commented "template" page for a user to create a new page for the website. Comment on what your code is doing in the site css file **(5)**. Generate comments in a template html file to guide/inform the user in terms of: **(10)**

   a. Updating text on a webpage

   b. Creating a new webpage

   c. Inserting an image

   d. Creating a link

   e. Uploading updated content to a website

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f) | **Conclusion**

Comment on how you think you fared in each section of the Project, what problems you encountered and what might you do differently if you had to do it all again? **(5)**

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g) | **Bibliography/ Reference list**

A list of the resources/sites you used when completing the project, and the urls of any sites used.

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h) | **Appendices:**

You must include the code (html and css) for each of the pages in your website in **soft-copy only**, so there is no need to print out the CODE for the pages.

The project is marked out of __140 marks__ and is then weighted to __70%__ of the module marks