**Assignment Brief: Individual Website Checklist**

**DMEDH1018 Web Development 2 (2020)**

**Updated 30 March 2020 – changes highlighted**

**Lecturer: Helen Williams**

|  |  |
| --- | --- |
| **Your name:** | Mark O'Brien |
| **Student no:** | B00128497 |

**Introduction**

You have already received an overview of the general requirements of your individual website project: to design and create a website showcasing social media for teaching and learning. The website must meet a number of content and technical requirements, which are listed below. Ones marked 'optional' are offered for extra credit. Update on assignment brief: a number of items have been changed from 'required' to 'optional'

Before you submit, check that you have completed each requirement listed below, and check the checkbox beside it to confirm. Save this document as **FirstnameLastname\_WebsiteChecklist.docx**, and submit it with your website.

Your individual website will be based on your Website Planning Document, which details all of your text and media content, and specifies your structure and navigation, and the layout and design of each page. Your Website Planning Document must be presented to the lecturer for sign-off before you start development. Please make sure you share this with me for feedback if you have not already done so.

**Content requirements**

Your site must contain **at least ten pages** (or equivalent amount of content) including the pages listed below. You can name these pages to whatever suits your content and site structure. You'll also need to include a drop-down menu (see navigation requirements below), so you may consider adding other pages for this to link to.

|  |  |
| --- | --- |
|  | **Completed?** |
| **A home page** (clearly identifying the purpose of the website, and demonstrating your site branding – this must be named index.html) |  |
| **A page with a styled table on it** (for example, you might include a table of contents page containing a styled table listing the tools you are covering, with a brief description of each one, linking to the corresponding page) |  |
| **Pages for a minimum of five different social media (SM) tools\*** (there is no upper limit – the more the merrier!)  Please create pages for at least 5 SM tools. However, I am only requiring you to completely develop the content for 1 SM tool (and make it perfect!). The other pages must be created and a framework developed, but you don't have to fully develop all the content for those pages. |  |
| **A page containing a styled and validated form** (for example, you could add a contact form, and invite visitors to send you examples of how they are using SM tools in teaching) |  |
| **A resources page** (containing links to additional resources – see below\* for a few examples of what you could reference)  Please include this Further Resources page in your website, and include the references and links that I've given below. However, you don't need to add any extra resources beyond what I've provided. |  |
| **A sitemap page** (a simple bulleted list of your pages and sub-pages, each linked to the relevant page in your site) |  |

You will also need to include a drop-down menu (see navigation requirements below), so you may consider adding other pages for this to link to.

Each social media page should include the following elements (these can be on separate pages or on one long page with bookmarks, whichever you prefer):

|  |  |
| --- | --- |
|  | **Completed for all apps?** |
| **Introduction** (provide an overview of the app or tool to introduce it to anyone who hasn't used it before) |  |
| **Registration** (instructions with screenshots of how to register, create an account, any limitations) |  |
| **How to use** (step by step instructions with screenshots of how to perform common tasks with the app) |  |
| **Video** (embed a video/screen recording of the app in use, showing an example of how the app is typically used) |  |
| **Cautions and warnings** (e.g. age limits, describe the potential for misuse, examples and case studies from the news, security and privacy advice) |  |
| **Use for teaching and learning** (describe case studies and examples of how the app is used for teaching. Add your own suggestions and ideas) |  |
| **Extras** (optional section – e.g. you could include a 'did you know' article, or examples of news stories involving the app) |  |

Below are a few resources to get you started for your 'References and resources' page. Add your own to the list on your own website, and share any good resources on Moodle in the Q and A forum. For example, here are a few resources from the Times Higher Education that you could consider including in your Resources section - don't forget to add your own: You're encouraged to add other references and resources if you find them – they don't need to be academic resources. However, this is not a requirement (see above) – just these five are sufficient if you can't easily find more.

* Langford, C. (2019). Teaching intelligence: using social media to engage students. Times Higher Education. 29 September 2019. Available from: <https://www.timeshighereducation.com/news/teaching-intelligence-using-social-media-engage-students>.
* Miah, A. (2016). Why academics should make time for social media. Times Higher Education. 18 August 2016. Available from <https://www.timeshighereducation.com/comment/why-academics-should-make-time-for-social-media-app>.
* Miah, A. (2019). Are you TikTok ready? Times Higher Education. 1 November 2019. Available from <https://www.timeshighereducation.com/blog/are-you-tiktok-ready>.
* Miah, A. (2019). The A to Z of social media for academics. Times Higher Education, 28 October 2019. Available from <https://www.timeshighereducation.com/a-z-social-media>.
* Reisz, M. (2015). Tips for academics on blogging and social media. Times Higher Education. 25 October 2015. Available from <https://www.timeshighereducation.com/career/tips-academics-blogging-and-social-media>.

Ensure you use Harvard referencing (the library guide here provides useful examples of how to format each type of reference: <https://www.itb.ie/library/ITB_Library_Harvard_Referencing_Guide.pdf>)

**Technical Requirements**

Your site must reflect the various concepts we've covered this semester. Below are a list of requirements. Remember to check each one off and submit this document with your website.

**HTML and CSS**

|  |  |
| --- | --- |
|  | **Completed?** |
| Your site must be built using HTML, from scratch (i.e. not using templates). |  |
| Your site should include appropriate folders, subfolders (e.g. css, images), and correct file-naming (no spaces, no capitals). |  |
| Your home page must be named index.html (no variations!). |  |
| You should use one external CSS stylesheet (style.css) for all pages. |  |
| Link the stylesheet to your HTML document using the <link> method. |  |
| Do not use inline styling unless there is a very good reason to do so (all styling to be completed in style.css). |  |
| Use clear code layout in HTML (align opening and closing tags, use white space, indent your code) |  |
| Add comments in HTML and CSS |  |

**Page layout**

|  |  |
| --- | --- |
|  | **Completed?** |
| At least one page should use a CSS grid layout (you can use grids for as many pages as you wish). See below for specific requirements on CSS Grid. |  |
| One page should include a div with a 2-column or 3-column layout. This page should be fluid (use % for sizing). (optional)  This is optional. |  |
| Your site should include a header and a footer on each page. |  |
| At least one element (e.g. your header or your footer) should be in a fixed position on the page.  This is optional, but I'd like to see you do this if you can. For example, you can use a fixed header or footer as suggested, or you can perhaps use a fixed side menu if you are creating long pages for your social media. |  |
| Your site should include at least one other correctly-used semantic element (see Lecture 2/[Semantic Page Layouts](https://moodle.itb.ie/mod/resource/view.php?id=120695) for examples).  This is optional. |  |

**CSS code**

|  |  |
| --- | --- |
|  | **Completed?** |
| Include **at least** one example of each of the following: |  |
| ID selector |  |
| Class selector |  |
| Type selector (remember, choose your type selectors carefully – i.e. not generic elements such as div or img) |  |
| Global selector |  |
| DIVs |  |
| Relative or absolute positioning |  |
| Float and clear float |  |
| Fancy float wrapping (e.g. wrapping text around a circle or image shape)  This is optional. |  |
| z-index |  |
| A font family |  |
| Show evidence of using the properties of the Box Model on all pages – borders, margins, padding etc. |  |
| A gradient background (can be applied to a page or an element) (to be covered in lecture notes) (optional)  This is optional. However, it's a useful skill to know so I would recommend trying if if you can. |  |

**Navigation**

|  |  |
| --- | --- |
|  | **Completed?** |
| Your site should include a nav bar on each page with links to pages (links can be any style you wish). |  |
| You may use a horizontal or vertical nav bar for your site. |  |
| Buttons/links in the nav bar should change state when the user moves their mouse over the button. |  |
| There must be at least one drop-down submenu, linking to other pages in your site (or different sections within one page\*). (If you use a vertical nav bar, the 'drop-down' will be a 'slide-out' submenu.) *\*Bookmarks are covered here:* [*https://www.w3schools.com/html/html\_links\_bookmarks.asp*](https://www.w3schools.com/html/html_links_bookmarks.asp) |  |
| Other text links in your website should be styled consistently, in accordance with your them (i.e. not the default link colours). |  |

**Media**

|  |  |
| --- | --- |
|  | **Completed?** |
| Compress and optimise images (<https://tinyjpg.com/> and <https://tinypng.com/> are great for this) |  |
| Ensure image proportions are retained (i.e. images do not get squashed or stretched out of proportion when the browser window is resized) |  |
| Include at least one CSS rounded image |  |
| Video should be embedded (I can provide a guide for this) |  |

**CSS Grid**

|  |  |
| --- | --- |
|  | **Completed?** |
| Include at least one example of each of the following: |  |
| A minimum of three rows and three columns defined in an explicit grid |  |
| Reference to line numbers or names |  |
| One or more column widths defined in fractional units (fr) so the grid is responsive when the browser is resized |  |
| Grid-area and/or span |  |
| Grid-gap (or grid-column-gap /grid-row-gap) |  |
| The following are CSS Grid features that you should consider using (they are not compulsory but you'll get extra credit for any you include): |  |
| Justify-content, align-content, and/or place-content |  |
| Justify-self, align-self, and/or place-self |  |
| Repeat |  |
| Minmax |  |
| Auto-fill and/or auto-fit  All the above are optional. |  |

**Form**

|  |  |
| --- | --- |
|  | **Completed?** |
| Include a contact form with details of how to get in touch with you, submit ideas or case studies for social media for teaching and learning, etc. |  |
| The form should be responsive width and centred on the page.  It is still required that you centre the form on the page, but if you find it difficult to make the form responsive, you can leave it as fixed or fluid width. |  |
| The form should have appropriate action and method attributes (use GET) |  |
| Style it in CSS to match your site's style and colour scheme. |  |
| Include at least one example of each of the following: |  |
| Fieldset and legend, styled in CSS |  |
| Input fields for name, address, email and telephone |  |
| Textarea field for message |  |
| Drop-down list of options |  |
| Radio buttons |  |
| Checkboxes |  |
| All fields should have appropriate labels and attributes |  |

**IMPORTANT**: The above are the minimum set of requirements for the portfolio site. Students should aim to wow the visitor with their grasp of layout and CSS. Be creative in how your site is presented.

**Development requirements**

* Please try to keep your site (including media) to less than 200mb!!
  + You can embed your videos, or use YouTube or Vimeo links for videos to play within a frame
* Please validate your code, and include screenshots of your validated pages:
  + Validate HTML via the W3C Validation service at <https://validator.w3.org/>
  + Validate CSS via <https://jigsaw.w3.org/css-validator/>
* You will be asked to upload your completed site to GitHub. Note: This will be covered in our labs.  
  GitHub is a very effective tool for sharing your website with others, and you will find it extremely useful for the last phase of this assignment, which is user testing. This GitHub upload is still a requirement, as it doesn’t take long to do this, and it is very worthwhile to understand how to do this and to get your website online. However, if you find that you are having difficulties, then you will get marks for an attempt, even if you don’t succeed.
* Please test your GitHub site using Google Resizer. This can be accessed via <http://design.google.com/resizer>
* DO NOT SUBMIT THE WORK OF OTHERS. Please list any CSS, HTML or images which are not your own work. If in doubt, ask in the labs, in the Moodle forum or via email.

**Deliverables**

1. **This checklist, completed**. Please go through this document and check the checkbox beside each element you have included in your website. Save the document as a Word Document or PDF.

The naming format should be FirstnameLastname\_Checklist.pdf

e.g. FredBloggs\_Checklist.pdf

1. **Folder containing your complete website**. Please add all HTML, CSS, files, folders etc into a single folder, and compress it as a .zip file (no other compression formats will be accepted).

The naming format should be FirstnameLastname\_Website.zip

e.g. FredBloggs\_Website.zip

1. **Evidence of Validation and Testing**. Please create a single document which shows screenshots from your HTML and CSS validation tests, and your tests using google resizer. Please export as a Word document or a PDF.

The naming format should be FirstnameLastname\_Testing.pdf

e.g. FredBloggs\_Testing.pdf

1. **GitHub Hosting**. Please create a simple document which contains the URL to test your site via GitHub (note: these must be the same files as those you submit to moodle). Also include screenshots of the GitHub repo. Please export as Word document or a PDF.

The naming format should be FirstnameLastname\_Github.pdf

e.g. FredBloggs\_Github.pdf

Upload your deliverables to the appropriate folders on Moodle by the deadline, **26 April 2020**.

**Academic Honesty & Declarations**

In submitting this assignment you will be asked to agree with the following statement

*“I am aware of the Institute policy on plagiarism in assignments and examinations. (3AS08)*

*I understand that plagiarism, collusion, and copying are grave and serious offences in the Institute and I will accept the penalties that could be imposed if I engage in any such activity. This assignment, or any part of it, has not been previously submitted by me or any other person for assessment on this or any other course of study.*

*I declare that this material, which I now submit for assessment, is entirely my own work and has not been taken from the work of others, save and to the extent that such work has been cited and acknowledged within the text of my work.”*

**Indicative marking Scheme Rubric**

Please check the assignment link for the latest marking scheme.

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Description** | **Marks** |
| Required pages and site structure | Minimum of ten pages organized logically and with required content on each page | 12 |
| Semantic elements | Site includes a header and a footer (footer in a fixed position) on each page, plus at least one other semantic element | 3 |
| Navigation | Site includes a nav bar with buttons which change state when a rollover occurs, and at least one drop-down submenu. All links in site work. | 10 |
| CSS Grid | At least one example of CSS grid included, with appropriate properties as listed in the spec above | 15 |
| Form | Responsive form with required fields, styled and positioned as per spec. | 10 |
| CSS: Technical excellence and creativity | All required CSS code included as specified. Technical use of CSS, appropriateness of rules, approach, complexity. | 20 |
| Appearance | Professional and appealing style, layout, images, text, colours, and overall aesthetic (strongly linked to CSS). | 15 |
| Clean code | Good code indenting and commenting in both HTML and CSS | 5 |
| Testing | Test your GitHub site using google resizer & validate your HTML and CSS code via the W3C Validation services. Add screenshots of validated pages | 5 |
| GITHUB Hosting | Site hosted on GITHUB / ability to access and test | 5 |
|  | | **100** |

**NOTES:** Marks throughout are based on HTML, CSS and design effort (content, layout etc). Credit is given for good coding effort, even if the result is not what you hoped.