COMP 20030 Web Design Project

Submission Date: Monday, April 20th, 2020 at 10am

School of Computer Science

College of Science

UCD Dublin

Key Project Contacts:

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Project Task

OPTION 1: You are tasked with designing a *food business* website. This can be for a brick-and-mortar business (i.e. a sit-down location), for a catering organisation, a take-away business, or some combination of the above. The design of this website should include promotional aspects (designed to attract new customers/members) and functional elements (designed for habitual use). You may design your website principally as a promotional or functional website. The business involved can be entirely fictional. However, if the business is real, remember to follow the rules detailed in the project guidelines below. Although it is legitimate for functional elements to include a purchasing mechanic, the project website should not include any working method of monetary exchange.

OR

OPTION 2: Design a website targeting an audience interested in learning one of the following: musical instruments; foreign languages; or a STEM subject. Although the navigational structure of the website will be a particularly important design decision, the layout and presentation of the website should be such to maintain the audience's interest. Most importantly, for whatever domain you choose, you need to make design decisions that are appropriate for the target audience identified.

Deliverable Requirements and Timeline

If not designing a web-app or continuous scrolling website, your website should have at least 5 pages of gradable content. Students will be required to demonstrate their work in the final week of the semester (i.e. week beginning April 22nd). These presentations will be time-restricted to only 3 minutes long. Advance preparation here is strongly advised.

Instructions relating to the scheduling of these presentation will be issued through Brightspace and discussed in class in the week prior to the submission deadline.

Students who finish their projects earlier can request to demonstrate their site before the final week of term. An earlier appointment can only be arranged once the final version of the project source has been submitted. Students seeking to do this should email duncan.wallace@ucdconnect.ie to arrange a slot for the demonstration.

All source files must be submitted by 10am on Monday April 20th by Brightspace submission and you are required to **keep an email confirmation of your successful upload for your own records**. The timestamp of your Brightpsace submission will be used to identify late submissions. Failure to submit on time will result in a "late-submission" labelling of your contribution and the appropriate penalties will be applied.

What is not allowed?

You are not allowed to use any website building service like Wix, Squarespace, or Weebly. In the same vein, you are not allowed pay anybody to make your project for you or pose anybody else's work as your own. You may not steal anybody else's work, even if this work is not code, but instead media (such as images or video).

What is allowed?

You may use any programming languages, frameworks, or libraries you want in the creation of your project. You may also use any code or media that is publicly available (that is licenced for such use) provided you attribute it.

Note, however, that you will be assessed primarily for original contribution. For instance, if you use a pre-made CSS library, while you will receive credit for implementing styling within your project, you may lose out on opportunities to obtain credit in the creation of CSS code yourself.

What resources will be made available?

Some suggested resources will be made available on BrightSpace. You can use practical slots to ask design or implementation questions about your project. You are also free to call into the CSSC or send questions to the module coordinator or TA by email. Adobe Creative Suite is freely available on BrightSpace (under the "Overview" slot in My Learning) for image editing. You will also be provided with a server account where you are free to host your website, if you wish.

08 March 2020

How Will Projects Be Assessed?

Projects will be graded whereby your final grade will reflect both the presentation and technical assessment of your website.

In order to maximise your final grade, you are advised to consider the following points when preparing and presenting your website:

- At least one scripting language must be used in the creation of the project.
- Technical validation – quality and maintainability of HTML, CSS, and scripting will be inspected.
- Topic coverage - how completely have you covered your topic? Are there things that obviously should be in the site, but are absent? Is the content suitable for the site and its audience?
- Page Layout & Navigation - how easy is it to get around your site? Does the navigation make sense? For any interactive components - are these well designed? Is the interface consistent and easy to understand? Is it appropriate for the site?
- Content Quality and Content Presentation - how well have you communicated the message using various media components (text, images, video, google maps, etc)?
- Optimisation - images and other files will partly be considered in terms of their suitability for the web - i.e. file size vs quality (compression). Would this site load quickly enough for the quality presented? Image/sound compression artefacts should not be noticeable.
- Browser Compatibility/Accessibility Issues – Is this an issue and, if so, what measures have you taken to ensure consistency here?

Submission Instructions

1. Create a zip containing all necessary project files. **Include a pdf or .txt with a short bullet point list of the main features of your website**. This file should also include any additional installation instructions (or server details), if necessary.

2. In Windows you can select the Web Design project folder, right click and choose send to > Compressed (zipped) archive. In Mac OS X, you can select the Web Design Project folder, right click and choose Archive.

3. Name your zip file in the format of "project – *name* – *studentnumber.zip*", replacing name and *studentnumber* with your own name and student number. e.g. "Bloggs, Joe - Project – 11123456.zip". Upload your zip file using the Web Design submission form available on Brightspace.