COMP 20030 Web Design Project

Submission Date: Monday, April 23rd, 2018 at 10am

School of Computer Science

College of Science

UCD Dublin

Key Project Contacts:

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Project Task Specification

OPTION 1: You are tasked with designing an *educational* website targeted towards an unprivileged student audience in Kenya. Importantly, you should assume that online access is only made possible through the use of desktop computers that have been donated through charity organisations. Assume that bandwidth is an issue, in addition to the high likelihood of the user audience suffering from attention and vision deficiencies. You can decide on the type of educational content. I am leaving this part intentionally broad. The broader I leave it, the more room it leaves for you to be creative!

OR

OPTION 2: Design a *promotional* website targeted at an audience interested in joining a club/group in view of improving their personal fitness and/or well-being. There are many potential domain categories that could be considered relevant here (e.g. sport/gym/keep-fit, diet & nutrition, course provision in Yoga, Pilates, Mindfulness, etc.). Most importantly, for whatever domain you choose, you need to make design decisions that are appropriate for the target audience identified (however broad or narrow that may be).

Deliverable Requirements and Timeline

Your website should have at least 6 pages of gradable content. Students will be required to demonstrate their work in the final week of the semester (i.e. week beginning April 23rd). These presentations will be time-restricted to only <u>3 minutes long</u>! Advance preparation here is strongly advised.

Instructions relating to the scheduling of these presentation will issued through Moodle 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 lorraine.mcginty@ucd.ie to arrange a slot for the demonstration.

All source files must be submitted by 10am on Monday April 23rd by moodle submission and you are required to **print an email confirmation of your successful upload for your own records**. The timestamp of your moodle 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.

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:

- Copyright - no content may be used unless permission is granted for its use.
- Content Quality and Content Presentation - how well have you communicated the message using various media components (text, images, video, google maps, etc)? Errors in spelling, grammar, etc. will be taken into account. Does the colour scheme and font choice work?
- Topic coverage - how completely have you covered your topic? Are there things that obviously should be in the site but are not? 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 they well designed? Is the interface consistent and easy to understand? Is it appropriate for the site?
- 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.
- Technical validation – the HTML, CSS, JavaScript and PHP will be inspected.
- Browser Compatibility/Accessibility Issues – Is this an issue and if so what measures have you taken to ensure consistency here?
- NOTE: Plagiarism will not be tolerated. You are advised to carefully review the School Policy on Plagiarism through the COMP20030 Moodle area.

Submission Instructions

1. Create a zip file containing all of the necessary project files. Include a "README.txt" or pdf with a brief overview of your website (this is a good place to identify features you would like to point out for marking of your project).

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 Moodle.