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CSCI 115
Summer 2024
Introduction to Web Page Development

Lab #Final Assignment
Mini Project

Date Due: Sunday, Mar 31, 11:59 AM   **Total Marks: 60**

General Instructions

- This project is individual work. You may discuss problems with anyone, but the work you hand in for this assignment must be your own work. You must give your documents proper names. <u>Put your name and student number at the top of every document you hand in.</u> Failure to follow these conventions may result in a deduction of grades for you.

- The zipped version of the project folder must be submitted to VIULearn under Assignment and into public GitHub space. You then share the GitHub link with me. I will ask you to give a 5-min presentation about your project!

- VIULearn will not let you submit work after the assignment deadline. It is advisable to hand in each answer that you are happy with as you go. You can always revise and resubmit as many times as you like before the deadline; only your most recent submission will be graded.

- Partial credit will be given as appropriate, so hand in all attempts.

1. Procedure

The purpose of this project is for you to choose a topic that interests you and build a project that will allow you to practice and demonstrate the skills you have learned in this course. When it comes to content, anything goes. Personal CV/portfolio site, information site about your hobby or one of your interests, dummy page for a firm, etc. are some examples. You are also required to host your website for this project. You do have access to the public GitHub space[1] (you learn about it in one of our classes) and are required to publish on GitHub. You create your own repository on GitHub, turn that repository into something where you can store your code, and then have that same repository host your website for you.

Lab as a starting point would be a good idea, and I also encourage you to search for inspiration on the internet. Plagiarism in its most blatant form is, as always, prohibited. Direct copying from one project to another or direct copying from online sources is not acceptable. It's fine to emulate general structures and concepts, but they should be tailored to your needs. If I inquire about how you put the project together, you should be able to explain it to me.

2. Requirements

☐   Target about 8 pages of content (minimum 5)

☐   At least one external CSS stylesheet should be referenced across your website.

☐   Have a consistent and meaningful layout throughout (e.g., divs, common headers and navigation).

☐   Each page and stylesheet used passes W3C validation (https://validator.w3.org/ for HTML, https://jigsaw.w3.org/css-validator/ for CSS) without error. (Warning is fine).

☐   Pass Google's mobile-friendly test (https://www.google.com/webmasters/tools/mobile-friendly/); aim for good responsive web design. You might wish to check this by uploading to your GitHub online space.

☐   Use meaningful text and include at least 5 images, a list and a table on your website.

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https://github.com/

- ☐ Aim for a clean and consistent structure (code indents, use folders for stylesheets and images, etc.).

- ☐ Provide at least two external links to other websites from your project.

- ☐ Presentation (short demonstration) of your mini-project.

- ☐ Hosting of your website.

Bonus (up to 10%): Incorporate sophisticated content from the different units of the course, such as proper comments, CSS nav, positioning, flexbox, JavaScript, or other concepts. The more work you put in, the more points you'll earn.

If there are any special parts of the project or motive/reasons you'd like to bring to my notice, include a readme.txt in that folder as well (e.g., advanced content for me to consider for a bonus).