# *C Web Programming I (420-C10-HR)*

# *Lab 8 – Web Design*

Date assigned: Tuesday, October 13, 2015

Date due: **Tuesday, October 13, 2015, end of lab period**

**Learning Objectives**

Upon successful completion of this lab exercise, the student will be able to:

* Understand the basics of Website Design

To do:

**Lab Set-Up**

1. Save this document with the name **YourUserName\_C10\_L08.docx** in the Labs folder for this course on your H drive (H:\420-C10\Labs). We will continue with website design notes and integrate questions and work into the notes. You will need your notes and perhaps your textbook.
2. For each of the group sections below you will be discussing your results and sharing them with the class
3. Write down the names of all the members of your team below:

Philip Dumaresq

Benjamin Provencher

**Part A: Page Layout**

Your group will be assigned two of following websites. Look at the sites and discuss how well they use the principles of page layout. What kind of website layout do they use (hierarchical, linear or random)? Is the layout designed to attract a certain target audience/type of user? Is there sufficient information “Above the fold”

1. <http://www.kikk.be/2015/> & <http://www.thesource.ca/estore/default.aspx?language=en-CA>
2. hierarchial design, made to attract through the innovative front page, no information above the fold other than a date.
3. Layout is hierarchal, but very wide and deep. 18 different categories at the top of the hierarchy and over a hundred subcatergories. There’s 31 ‘quick links’ which makes navigating them a horrible. The site is designed to attract people who are patient… Probably adults. There’s way too much stuff jammed into the front page.

**Part B: Mobile First Design**

Your group will be assigned one of the following websites. Look at the site in a browser at full screen size. Then narrow the browser until the screen changes to the mobile site. Discuss how the website design does or does not meet the requirements of mobile first design and the checklist from class:

1. <http://www.squarespace.com/>

For the most part, the site adapts well to a mobile screen, however there is one picture that contains text where the text ends up getting cut off on the right.

**Part C: Writing and Colour**

Your group will be assigned one of following websites. Look at the sites and discuss how well they use fonts and text layout. Discuss whether their use of colour is good and enhances or detracts from the page. Discuss whether you can determine what the site is to be used for based on the colours/text chosen:

1. <http://www.lipsum.com/>

The site is visually pretty boring, it’s just plain black and white text, which makes things very easy to read, but also not interesting to look at. There is red text used at one point to attract attention for people to help with the site.

**Part D: Visual Design Principles**

Discuss how the website you’ve been assigned follows or does not follow the visual design principles of repetition, contrast, proximity and alignment

1. <https://cs.cegep-heritage.qc.ca/pea/2012/jhum/>

The information is all inside its relevant menu, however at 14 different menus there is too much navigation. It’s very shallow. The site is very repetitive in it’s design with a plain black background, white text and blue headings and links. The PEA logo that he’s designed is sitting at the top in the same place along with the basic site information. The white/blue text on black background is very easy to read. Indenting is easy to read.

**Part E: What Do You Think?**

On your own discuss pros and cons of each of the following sites. List at least one good and one bad item for each site. Use the principles discussed to evaluate:

1. <http://builtbybuffalo.com/>

The site is mobile compatible. The submenus are organized hexagonally and there’s a lot of them which is kind of weird to read and look at.

1. <http://www.clickonthings.com/>

I’m not sure I understand the point of this site? It’s endless pictures with nothing useful. At least the pictures are nice and they all shrink on mobile.

1. <http://www.pennyjuice.com/htmlversion/whoispj.htm>

The site makes me want to puke… The colour scheme is nauseating. But it’s consistently nauseating.

1. <http://sundaymorning.ekwc.nl/>

The main page is in german, which means I obviously can’t read it, but there is an English tab. Unfortunately there is not much contrast between white and light blue and I at first didn’t even see that I could change the language, which isn’t good. The site is consistently organized into neat columns.

1. <http://mimarch.net/>

Above the fold you get an idea of what the site is about- Architecture, engineering, construction, so kind of the process of building buildings. It’s got a very modern looking black/white theme, but then when you start scrolling, that theme is totally lost in color and scrolling ad bar and just stuff.

**Part F: On Your Own**

Answer questions 3(c) on page 233 of your textbook. On the wireframes include a colour scheme and colours you would use (just copy and paste the colours next to the wireframe, you do NOT have to include them in the actual wireframe). Use whatever tool you want, but copy and paste the two wireframes into this document.

**To submit**

When you have completed the lab exercise copy the YourUserName\_C10\_L08.docx document to Moodle.