**Class Exercise #8 - Menu Navigation**

Ease of navigation is one of the biggest keys to the usability of a website. If visitors can easily find what they are looking for they will be more likely to stay on the website rather than leaving and going to some other site. Effective navigation can help to increase page views, improve the user experience, and even increase revenue and profit.

As more and more users are accessing sites via mobile devices, responsive web design has continued to increase in popularity. One of the challenges of designing and developing responsive websites is to create a user-friendly navigation menu that works equally well for visitors on all types of devices.

While a few years ago navigational menus were a primary visual element in almost every web design, many responsive websites are now opting for a navigation menu that is much less dominant visually. These sites typically use a familiar icon of 3 horizontal stripes to indicate that a menu will be opened on click. Of course, this is only one approach and other websites use totally different approaches.

**Task A: Tab Menu**

1. Using MS Visual Code editor, create **TabMenu.html** file in today’s date for all hands-on code.

There will be three parts to this Task A:

* HTML
* CSS
* JavaScript has two sub parts:
  + Show a tab by default
  + Close tab

Watch these hands-on videos:

Class Exercise #8 - Task B - part 1 - <https://www.youtube.com/watch?v=i4B7sIRdc8o>

Class Exercise #8 - Task B - part 2 - <https://www.youtube.com/watch?v=60osUHu1NgM>

Class Exercise #8 - Task B - part 3 – <https://www.youtube.com/watch?v=9cZS9I76nn8>

Class Exercise #8 - Task B - part 4 – <https://www.youtube.com/watch?v=z1S50uEg3n8>

Class Exercise #8 - Task B - part 5 - <https://www.youtube.com/watch?v=7Ww6KSWXZus>

Class Exercise #8 - Task B - part 6 - <https://www.youtube.com/watch?v=C50-CdeT2no>

1. Use the Windows Snipping Tool and take the screen shot your output, copy/paste below:

Graphical user interface, text, application, chat or text message

Description automatically generated

1. Using MS Visual Code editor, create **TopNavMenu.html** file in the proper subdirectory.
2. Watch this video:

Class Exercise #8 - Task B - part 7 - <https://www.youtube.com/watch?v=9wfzbXSazU4>

This is the easiest and simplest navigation menu system with internal CSS and HTML. I recommend you use this Top Navigation Menu system for your portfolio, works great for layout1, layout2 and layout3.html files.

1. Use the Windows Snipping Tool and take the screen shot your output, copy/paste below:

Graphical user interface, application

Description automatically generated

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**RECAP**:

After you watch all segments and complete all Tasks A. There should be total of **two** HTML files, and depending if you are using Photoshop or Illustrator, need to have the source file, either .psd or .ai, you logo needs to be a vector base, that’s .svg.

**NOTE**: The only two formats with transparent background are .png and .gif.

* Task A – **TabMenu.html** and **TopNavMenu.html**

These files need to be in sub folders, for example, ClassEx8, etc.

Your last task for task is to update your current index web page with the content we currently complete for this week, please refer to the course syllabi schedule to assistance. You need to include the follow links to the index.html.

* Link to Class Exercise #8 from your index page with a new tab open (recall target = “\_blank”).
* Make sure all links work before I grade, points will be deducted for broken links.
* All webpage from this assignment must be link to and from the index.html.
* For the rest of the semester, we will be using Visual Studio Code, please do not use Notepad or any other Text Editor for this course.

**Please copy and paste your webpage URL in browser below:**

**https://www.mmlab2.rlc.dcccd.edu/imed1416-83840/web8520/**

**(NOTE: Please do not copy and paste your local drive path, recalled that I provided this URL with your FTP account information)**

**And**

**Please upload this document to eCampus > Submit All Assignment Here > Class Exercise #8 Submit Here** before due date!

Thanks, Dan.