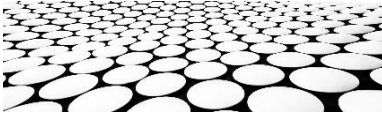


SEG3125 User Interface  
Design and Analysis



## MODULE 1 – TUTORIAL/LAB

### Construction of a Survey



#### GOALS

The purpose of this laboratory is to build a static web page that lays out a survey to evaluate the user interface of a web site of your choice. During this lab, you will:

- Familiarize yourself with HTML and CSS for building static web pages.
- Set up your demonstration site for your lab work.
- Familiarize yourself with the submission and peer evaluation platform.
- In connection with the theme of *UI Evaluation*, create your own a survey.



#### IMPORTANT DATES

- Lab submission opens\*\*: Monday, May 17<sup>th</sup>
- Lab submission ends: Sunday, May 23<sup>rd</sup>, 11:30pm
- Peer evaluation opens: Monday, May 24<sup>th</sup>, noon
- Peer evaluation ends: Thursday, May 27<sup>th</sup>, 11:30pm

*\*\* Please note: Normally, the submission opens the date that the lab is posted. Exceptionally, for this first lab, I wish to wait till Monday since at that time the classlist will be finalized (we will be past the uOttawa deadline for adding/removing courses in your schedule), and I will then have the final list of students to set up the submissions on the external peergrade platform.*

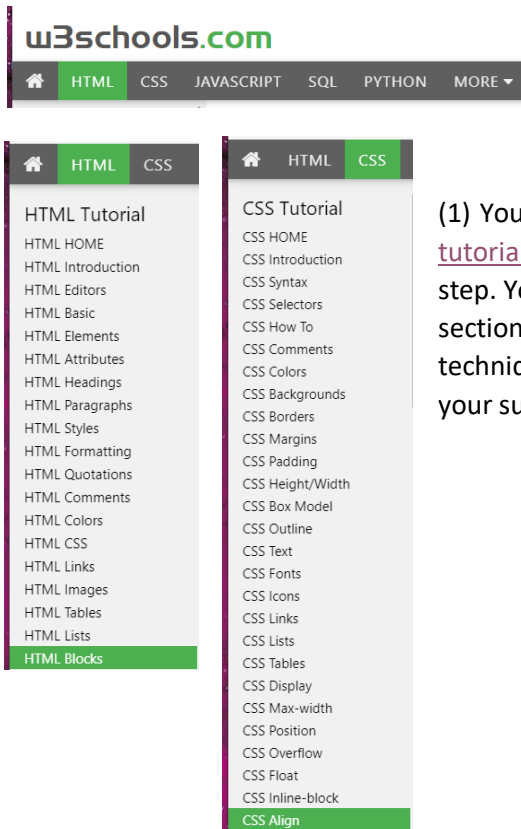


#### SUBMISSION METHOD

- On Monday (May 17<sup>th</sup>) you will receive an invitation to participate in the course SEG3125 set up on the peer evaluation platform peergrade.io. You will need to sign into this platform using your uOttawa email, and create a new password. We will use this platform for all labs.
- You will submit your assignment on that peergrade.io platform.
- Do not submit any file. Submit only a link to your web page so that the other students, and the teaching assistant, can see the rendering of your survey.



## INSTRUCTIONS / TUTORIALS



(1) You must first familiarize yourself with HTML / CSS. The [tutorial on the W3 School website](https://www.w3schools.com/html/html_blocks.asp) is quite useful. Take it step by step. You won't be able to do all of it but read up to the Blocks section for HTML and the Alignment section for CSS. Not all techniques need to be used, just the ones necessary to create your survey

(2) As the goal of your laboratory is to build a survey with HTML/CSS, you can look at the following site: <https://www.wikihow.com/Create-a-Questionnaire-in-HTML>

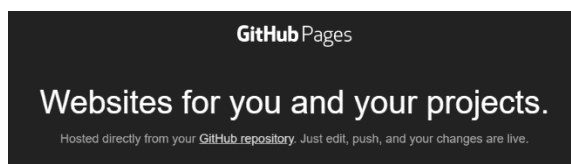
### How to Create a Questionnaire in HTML

Author Info  
Updated: August 4, 2016

Questionnaires are a great way of collecting data and getting feedback from your website visitors. You don't have to use a template, software or online survey creators to have one. You can simply create it in HTML code and style it with CSS to match your current Website Design. This article will introduce the most common question types which will allow you a great flexibility when designing your questionnaire.

#### Explore this Article

■ Steps  
■ Questions & Answers  
■ Related Articles



(3) Create your demonstration space for your labs. Use [GitHub Pages](https://pages.github.com/) which will allow you to have your own website at [username.github.io](https://username.github.io/).



## CODING

Using HTML/CSS, you will generate a static web page (front end only, it does not need to respond to actions) which is a survey on the user interface of a website of your choice. You decide for yourself which questions to display for the user.

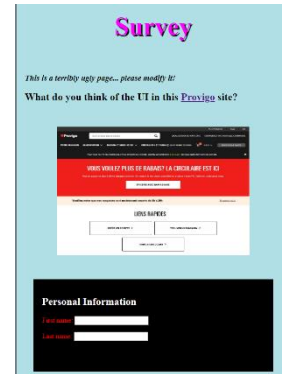
### Requirements

Your page must be aesthetically pleasing and have a certain style or uniformity that is consistent. We will observe different design principles throughout the semester, so this will be your first attempt. Your page should contain:

- A title (<title> tag)
  - A link to the website of your choice (where the UI to be evaluated is)
  - An image of the website you are evaluating which also serves as a link to the website.
  - A form (<form> tag) containing at least 5 questions using the following types listed below:
    - A text type question (e.g. user must type in the answer)
    - A single choice question (radio button)
    - A single choice question (single selection list)
    - A multi-selection type question (several boxes can be selected)
    - A place to write comments.
  - A button to submit the questionnaire.
  - Your signature (*Website designed by ...*) at the bottom of the page also known as a [footer](#). It does not need to be your real name... take an artist name!
  - The use of divisions (<div> tag with associated CSS style) to make the questions uniform.
  - Using external CSS (separate file) to define styles for titles, divisions, your signature at the bottom of the page, etc. Explore styling for fonts, colors, alignments, etc.
-

*ATTENTION: You are creating a **static** site. The "submit" button does nothing. Starting next week, we will learn and use JavaScript to build dynamic websites.*

*GETTING STARTED: If you don't know how to get started, I have created a starting point on my GitHub, in the directory [SEG3125-Module1-Survey](#). You can see the rendering of this HTML/CSS code [here](#) or by clicking on the image.*



### EVALUATION

- This laboratory is worth 3.5%.
- The peer evaluation criteria will be as follow:
  - Did your colleague include all the required elements? If not, what is missing?
  - Does the survey allow to easily reach the website being evaluated?
  - Are the survey questions appropriate with respect to the webpage being evaluated?
  - Is the survey style minimally pleasing and uniform?
  - In a later lab, your colleague will have to create an alternative design for his/her survey. Give some suggestions for that new design.



### QUESTIONS

- You can ask your questions in the Module 1 discussion forum on Brightspace. This will allow for the answers to be shared by all members of the class.
  - You can also send an email to a TA. If your last name is between Ali and Kokkat - please send mail to Abdorrahim ([abahr010@uottawa.ca](mailto:abahr010@uottawa.ca)), otherwise send an email to Xinyi ([xhe068@uottawa.ca](mailto:xhe068@uottawa.ca)).
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