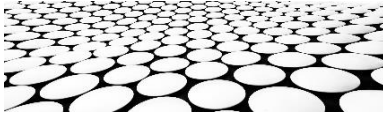


SEG3125 User Interface  
Design and Analysis



## MODULE 1 – TUTORIAL/LAB

### Construction of a Survey for a User Interface



#### 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 site of your choice. During this lab, you will:

- Familiarize yourself with HTML and CSS for building web pages
- Set up your demonstration site of your practical work
- In connection with the theme of Module 1 in SEG3125 which is *UI Evaluation*, create your own a survey.

*Please Note: The teaching of the hands-on part of the course SEG3125 poses challenges because the student's level of knowledge of the various languages, tools, frameworks are all different. Thus, there will regularly be two possibilities for the requirements: level 1: basic requirements, for those who are beginners, and level 2, which will involve additional challenges for those who are more advanced. I will let you decide which level is right for you. Level 2 requirements are always optional but can give you the opportunity to challenge yourself.*



#### SUBMISSION DEADLINE

- Tuesday, May 26th, 11:30pm

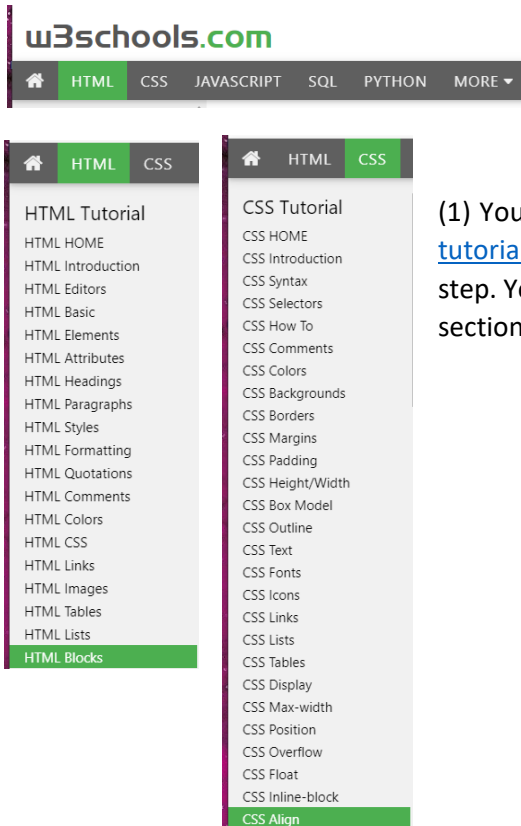


#### SUBMISSION METHOD

- In Brightspace, the Module 1 checklist contains a link for your submission
- Do not submit files
- Submit only a link to your web page so that 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/default.asp) is really great. 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.

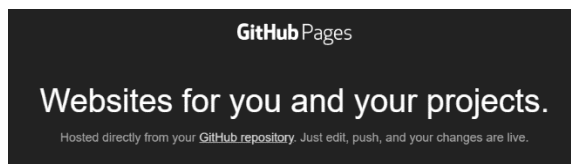
(2) As the goal of your laboratory is to build a questionnaire in HTML, you can look at the following site: <https://www.wikihow.com/Create-a-Questionnaire-in-HTML>

### 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.

### Level 1 requirements (Mandatory)

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:

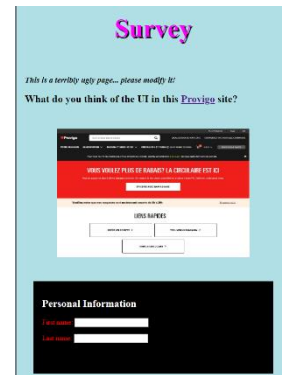
- A title (<title> tag)
- A link to the website of your choice (where the UI to be evaluated is)
- An image of the website you are evaluating which also serves as a link to the website.
- A form (<form> tag) containing at least 6 questions of different types related to the evaluation of the website:
  - 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 likert type question (e.g. strongly agree to strongly disagree. It is up to you to figure out how to simulate this)
- A button to submit the questionnaire
- Your signature (*Website designed by ...*) at the bottom of the page also known as a [footer](#).
- 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.

### Level 2 Requirements (Optional)

- Allow the user to zoom in on part of the image
  - Use a photo gallery to show several pages of the site
  - Ask questions related to various images (various parts of a site)
  - Use a background image to make the site more attractive
  - Add any other HTML / CSS element to improve the rendering of your survey and make people want to complete it
-

*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%.
- Any student who has included all the items required in the Level 1 requirements will be assigned 10/10. One point will be deducted for each missing item.



#### QUESTIONS

- You can ask your questions in the Module 1 discussion forum on Brightspace.
  - There is a consultation schedule for the laboratories in the organization section of the course on Brightspace. That will tell you when a teaching assistant is available on the forum or by zoom.
  - You can also send your questions directly to the TA you are assigned to. Refer to the lab consultation schedule to see which TA you are assigned to.
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