

ENGR 0011 – Fall 2018
Project 2

Acceptable behaviors for this assignment include:

- Consulting your textbook or other written material
- Asking your team members
- Asking your professor or TA

Note that consulting materials and asking others is only acceptable as long as they do not provide you with the solutions – you have to come to the solution on your own!

Unacceptable behaviors for this assignment include:

- Copying the solution(s) from a solution manual, book, or other written material
- Copying the solutions(s) from assignments submitted in previous semesters
- Providing the solutions to a classmate, student in other section, student in future section, or online solution banks
- Asking someone to complete the assignment for you

Due date: December 4

The purpose of this project is to use the html tools you have learned to create a web page for a fictional company. Your team will make up a company that either sells a product, provides a service, or both. Be creative.

Your web page should have the following:

- The web page must be designed as a frame. You can lay out your web page as you wish, but there must be at least one top header section, some type of menu bar, and at least one main body section. Use a background color in at least one of the frames. One possible look could be as follows (note that some of the web page requirements appear in this figure):

<u>Header section:</u> As a minimum, it should have the name of your company in the center, a logo of some kind on the right side, and the words ENGR 11 Project 2 on the left side. Use a 3-column, 1-row nested table to do this. Use different font sizes for your company name and the text on the left side. Under your company name, in a different size font, add a line of text that defines who you are.	
<u>Menu bar:</u> This section should appear as a list of links to other pages. See below for a list of menu items that must be included in this section.	<u>Main body:</u> This is where the main information should be displayed. See below for a list of requirements for this section.

- **Menu bar requirements.**
 - The menu bar must, as a minimum, have the following menu items:
Main Page
Company Mission
Product Info
Prices
Something Else (your choice)
Contact Us
 - Each menu item must be linked so it opens in the main body section.
- **Main Body requirements.**
 - *Main Page.* This should be displayed in the main body when the company web page is opened. At the top of the main page, include this statement in bold and centered: “This web page is being written as a requirement for the ENGR0011 class at the University of Pittsburgh, but the content in the page is not the position of the University and does not reflect on the University policies. This company does not exist, and this web site is for the purpose of teaching students how to program.” The page should include a few paragraphs that describe what your company does, where it is located, the number of employees, and any other relevant information. The text should be at least 300 words long, and you should use at least two font colors. At the end, add a photo of each member. Link the photo to each of your individual web pages, put your name under each photo, and link the name to send an email message.
 - *Company Mission.* This page should have an <h2> heading titled "Mission Statement". Center the heading and make the color of the heading something other than black. You can use any design to describe your company's mission statement, but it must include a definition list somewhere on the page.
 - *Product Info:* This page should have an <h2> heading titled "Product Information". Center the heading and make the color of the heading something other than black. Describe your company's product and/or service. Use paragraphs, and at least one list to describe your company's products. Include images of your products in a table somewhere on

the page. If you are providing a service, list people you have worked for and describe the type of work you did for them.

- *Prices*: This page should have an `<h2>` heading titled "Prices". Center the heading and make the color of the heading something other than black. This page should describe the fees for your services or your product. You can have text in the form of paragraphs and lists, but you must use a table to list your prices. The table should be designed such that at least one row spans more than one column and at least one column spans more than one row.
- *Something Else*: This page is whatever you want it to be. It should be related to your product, service, employees, etc. Include at least one image, one link to something, and one nested list.
- *Contact Us*: This page should have an `<h2>` heading titled "Contact Us". Center the heading and make the color of the heading something other than black. This page should be a form. The form will use the *mailto* option for the type of action. Somewhere on the form, you must include a simple text box `<input>` tag, a `<textarea>` tag of at least 5 rows and 25 columns, at least one radio type `<input>` tag with at least 3 different choices, at least one checkbox type `<input>` tag with the checked option and at least 5 different options, a reset button, a submit button, and at least two different `<select>` tag pull-down menus with at least 5 different options in each menu (use the selected option). You should add a form validation section to the web page that uses javascript to repeat everything that the user selects. Have it display this at the bottom of the page.

- **Additional requirements.**

- Include a comment with your names and team number at the top of every document.
- In every document, include comment lines that separate the text and explain what material is going to be presented. Include proper indenting between the start and end tags.
- Write the code using pico/nano, Wordpad/Notepad, Geany, or Visual Studio. You cannot use any web design software.
- To be able to grade your web page, we must be able to find it. The only means we have of locating your team web page is from your individual web page. Thus, add a link on your individual web page that points to this company web page.
- Be creative!

This is a team assignment. You need to submit multiple files in a zipped folder. To do this, follow these steps: (1) Put all your files in a folder, (2) Right click on the folder, go to "Send to", then "Compressed (zipped) folder", (3) Name your zipped folder Project2_Team# (e.g. Project2_L03).

Upload the zipped folder through your class computer using the official file submission link (found on the desktop of class computers in GSCC 138 or BEH 229 at the beginning of the class when this assignment is due).