

< Final Project >

1. The goal of the final project is to create your own personal web page based on tutorial learnings and assignment completions.

- ❖ This final project does not require any specific types of the web page, rather lets you design and create the page based on your own idea.
- ❖ To begin your personal web page, please have some time to decide a page scheme and theme. For example, the possible page design can be the website for the guest invitation with the RSVP form for your personal/family events. Another example can be an extended family photo album consisting of variety pictures taken over the past couple of years at different places for specific events. Creating your potential business page attached to your main home page can be another idea.
- ❖ If you need more examples, please check textbook cases at the end of each Tutorial in the e-textbook to get some idea.

2. To start a project, download a zipped file that contains all necessary files posted on Blackboard > CIS 370 > Final Project folder.

3. Use the downloaded HTML (Myproject_yourname.html) and CSS (Myproject_yourname.css) files to create your own page.

- ❖ If you are creating a web form, the forms.css file should be linked to your HTML page.
- ❖ If you are adding grids, the grids.css should be linked to your HTML page.
- ❖ Linking reset.css file is mandatory and it should be linked first.
- ❖ If forms.css and grids.css files are linked, all existing class and id values in those two files should be adjusted accordingly to be matched with your class/id values within your HTML codes.
- ❖ You can use any image files that were used for previous assignments included in a zipped file, if needed.

4. The final project will be due on **Tuesday, May 14 at 11:59 p.m. (CST) on Blackboard. This due date will be strictly enforced and no extension will be granted except for very rare cases.**

5. You are required to submit all HTML and CSS files you created and used to Blackboard. Any other formatted files (e.g., docx, doc) will not be graded and receive a zero grade.

6. To prevent any submission errors, I recommend to create and submit a zipped file containing all HTML and CSS files.

7. You must submit your files to the **Blackboard > Introduction to Web Development > Final Project > click Final Project**.
8. The total point of this project is **130**. Refer to a grading rubric for detail.
 - ❖ You can discuss your project with other classmates in person or over emails. However, you will receive a zero grade if you directly copy others' projects.
 - ❖ Exactly same web page structures with slightly different web contents will also be considered as a copied work and cheating behavior. Try to create your own web design. Both code providers and requesters will receive a zero grade.
 - ❖ Do not simply copy your previous assignments. Significant extended assignment web pages are allowable but simple copied previous submissions as they are will receive a zero grade.
 - ❖ If you simply list and add the HTML elements without any web contents, your project will not be graded at all, resulting in receiving a zero grade.

Mandatory Requirements for the HTML file – 70pts

1. (HRQ1 – HRQ4) In your website, select and use at least **FOUR OR MORE** of the followings:
 - a. Sectioning elements (such as the **header**, **body**, **article**, **div**, **nav**, **aside**, **section**, **footer** elements and so on).
 - b. Grouping elements (such as the **paragraphs**, **block quotes**, **lists** (unordered and/or ordered lists) and so on).
 - c. Text-level elements used to mark single words or phrases from within a grouping elements, including **strong** and **em** elements.
 - d. An inline images, including appropriate alternative text for the image.
 - e. Character symbols inserted using its character name or encoding number
 - f. Hypertext links to an individual's email address
 - g. Hypertext links to a phone number
 - h. Hypertext links to a website URLs.

For example, one may select and use 1) three sectioning elements (header, article, aside), 2) two grouping elements (paragraph, lists), 3) inline images, and 4) hypertexts.

For another example, one may select and use 1) four sectioning elements (header, body, section, footer), 2) three grouping elements (paragraph, lists, blockquote), 3) character symbols and 4) hypertexts.

2. (HRQ5) In your website, include at least one of the followings:

- a. A web table (a simple table allowed)
- b. Grids (simple grids design allowed)
- c. A web form (a simple form allowed)

Add comments to indicate the one you selected in the HTML file (e.g., `<!-- a web form codes started from here -->`).

3. (HRQ6) Using the **comment** element, clearly address the topic and/or idea of your web page and describe it briefly.

4. (HQR7) Add web contents to each grouping/table (if used) /form (if used) /grid (if used) element (e.g., `<p> yourcontent </p>`, `<h1> yourheading </h1>`). Added web contents will be measured as the website quality.

Mandatory Requirements for the CSS file – 60pts.

1. You must include the following features:

- a. (CRQ1) Definition of the character encoding used in the style sheet file.
- b. (CRQ2) Importing external font files.
- c. (CRQ3) Setting background and text colors using either **RGB** or **HSL** values.
- d. (CRQ4) Selectors showing style rules applied to nested elements, child elements, and elements based on the **id** and/or **class** attributes.
- e. (CRQ5) Styles that modify the appearance of list and list markers.
- f. (CRQ6) Styles that modify the **padding** space and **margin** space around an element.
- g. (CRQ7) Application of **width** and **height** style properties.
- h. (CRQ8) Borders around the page element or images.
- i. (CRQ9) **Box shadows** around the page elements
- j. (CRQ10) **Text shadows** around the web page contents.
- k. (CRQ11) Backgrounds featuring linear and/or radial gradients.

2. (CRQ12) You can include any other necessary style rules if needed in case you use a web table, grids, web forms.

Save all your codes. Compress all files that you created and used and submit a zipped file to the Blackboard.

Grading Rubric

Requirement	Grading Criteria	Complete (10 pts)	Competent (7 pts)	Need Improvement (3 pt)	Wrong / Missed (0 pt)
HTML Page	HRQ1				
	HRQ2				
	HRQ3				
	HRQ4				
	HRQ5				
	HRQ6				
	HRQ7				

Requirement	Grading Criteria	Complete (5 pts)	Competent (3 pts)	Need Improvement (1 pt)	Wrong / Missed (0 pt)
CSS file	CRQ1				
	CRQ2				
	CRQ3				
	CRQ4				
	CRQ5				
	CRQ6				
	CRQ7				
	CRQ8				
	CRQ9				
	CRQ10				
	CRQ11				
	CRQ12				