

## What is Project 2?

Project 2 is an extension or an updated version of project 1. You can rename the project1 folder as project2, if you wish.

Project 2 should reflect what you have learned in Web I class throughout this semester. Therefore, the goal of project 2 is to assess your skills in web development languages, such as CSS and HTML.

## Project 2 Deadline:

4 p.m., May 2nd (Wednesday)

### \*\*\*Important Note\*\*\*

Since you will utilize the layout for project 1, make sure to address any error(s) in project 1 layout, SEO/accessibility issues and navigation that may disrupt project 2's functionality. Check the feedback from your instructor if you had any issues/errors with project 1.

**If you are unsure about how to address the corrections in project 1, please set up an appointment with the instructor by Thursday, April 19th.** In terms of topic, you can stick to the topic/the organization that you focused on in project 1.

## Project 2 Expectations:

In project 2, you will be expected to implement the followings:

A) **Add three new HTML pages** to your existing website that you have developed for project 1. You decide about the content you would like to include in three new pages.

To sum up, since you were asked to create a 4-page website in project 1 (including index.html), you are now asked to create a 7-page website (including index.html) in project 2.

You can utilize project 1's CSS document and the HTML structure. Since you will be expected to add new html tags and apply CSS3 effects in project 2, you will need to update the project 1's CSS document. You can utilize recipes 8 – 13 to incorporate relevant design elements to CSS and HTML files.

### B) **New common elements/applications on all 7 html page:**

- Site Search (It needs to be functional. If a visitor types on your website related keywords in this site search area, s/he should be able to see search results/pop-up search result page);
- At least two social icons linked to real social media pages related to your website topics/subject (you can place these social icons either in footer or in header area);

- Favicon;
  - Integrate at least one Google Font to use for paragraph type or a heading type on every html page.
- C) You will need to **utilize at least 5 of the following interactive, multimedia and CSS applications across seven html pages.**
- Image Slider/Slideshow (with at least 3 pictures).
  - At least one social media feed/widget (such as feed for Twitter/Instagram/Facebook timeline); you can add more than one social media feed. Adding more than one widget will not count for multiple multimedia/interactive applications.
  - Form (a feedback/contact/survey/application form that is appropriate to your site planning).
  - iFrame video (such as from YouTube/Vimeo) and/or HTML5 video.
  - HTML5 Audio and/or a related audio/Track from SoundCloud/another online source.
  - Tabbed Content Area.
  - Accordion.
- \*\*\* It does not mean that you will have to use all five such applications on every html page. At least one of the above five applications needs to be utilized once on your website. You can use one application (e.g. Slideshow, video) on multiple pages if you see its use is relevant. Adding one multimedia/interactive application on multiple pages will not count as multiple multimedia/interactive applications.\*\*\***
- D) SEO and Accessibility Issues: All html pages have appropriate titles, meta information for description and keywords within head `<head>...</head>` area and alt information inside all image `<img>` tags.
- E) Functionality of links: Header logo or title should be linked to index.html; all the hyperlinks, navigation menu links and email links need to be functional, which means it should take the instructor or anyone to a new html page/website/email address.
- F) All html pages should reflect a functional relationship between HTML and CSS. No error with html and CSS.
- G) All html pages should include the following design elements and style:

- Consistent use of color/background color, logo/banner and/or site title in the header area across all html pages.
- Consistent use of color, background color in the footer area. Footer needs to have your name and email address. Email address needs to be properly linked so that anyone can send you an email using that link.
- Navigation menu on each page has a consistent look and information with functional links. You can format in either ‘all horizontal tabs’ or ‘horizontal tabs with one dropdown sub-menu. You may need to edit/update CSS to accommodate all seven navigation tabs or to add a dropdown.
- Use of appropriate headings and paragraph tags for textual content from accessibility perspective.
- Appropriate application of at least two CSS3 effects/transition (e.g., transparency, background image, opacity effects on an image, box-shadow, text-shadow, transform, border radius, gradient) throughout the website.

H) All html pages include professional-quality, appropriate textual and visual content:

- Add proper attribution to information sources if you gather information (either for text or image) from another website. You can hyperlink the text for information source.

If you write the text on your own and it is a report, then type your byline at the beginning of the report. No need to type your name if it is just informational text for the website.

- All images need to be of high quality; it means they are properly resized/cropped. No picture is stretched, hazy or disproportionately resized.
- No spelling and grammar issues in writing that includes headings, captions, site title, navigation bar labels, and paragraph text.
- If you use images in internal pages, use captions for those images.
- Textual and visual content are placed and formatted professionally with appropriate amount of spacing. It means they are not overlapped, misplaced or tightly-placed.
- Aesthetics: Good use of text-to-background contrast. Also, make sure that text does not touch the edges of a div or html area styled with contrasting-color background. Use padding and/or margin appropriately.

### Submission Instruction and Deadline Information

Zip the entire folder for project2 and drop the zip file in the “**project 2 submission folder**” on the Moodle. If your project 2 file exceeds 100MB, then submit through a cloud service such as DropBox.Com, Google Drive or One Drive, and in that case you will need to share the link to your DropBox/Google Drive/One Drive folder with the instructor by email.

Early submission is encouraged. Since this project is equivalent to your final exam and there is a grade submission deadline, any submission after 4 p.m. on Wednesday May 4<sup>th</sup> will be considered a late submission. No late submission will be accepted after 11:55 p.m. on Wednesday, May 2nd. If you submit your late work between 4:01 p.m. and 11:55 p.m. on May 2nd, there will be a letter grade penalty (or 6 points) for late submission.

### Please check your university email:

After project submission, please keep checking your university email. If needed, the instructor may contact you with any question(s) about your submission.

### Project meeting with the Instructor:

The instructor will send you an appointment scheduler with available time slots for **the weeks of April 16<sup>th</sup> and April 23<sup>rd</sup>** so that you can share your project draft or work-in-progress. You will be able to ask for any project-related help or suggestions to address a project issue (such as layout, design etc.) during this meeting.

### Grading Rubric:

Name:

#	Criteria	Points
A	Folder & file management: <ul style="list-style-type: none"> <li>• Homepage/frontpage is saved as index.html.</li> <li>• Use of lowercase and no space between words in a filename. For example, lightcity.jpg, light-city.jpg, light-city.html</li> </ul>	5
B	All 7 html pages must include 1) site search, 2) at least two social icons linked to project topic-related social media accounts, 3) favicon, 4) use of a Google Font on all HTML pages, and 5) if your page goes much below the fold, then use “Back-to-Top” or “top” link/navigation	15

C	<p>Correct execution and implementation of five interactive and multimedia applications (from the following options) across HTML pages.</p> <ul style="list-style-type: none"> <li>➤ Image Slider/Slideshow (with at least 3 good quality pictures)</li> <li>➤ At least one social media widget/plugin (such as feed for Twitter/Instagram/Facebook timeline)</li> <li>➤ Form (a feedback/contact/survey/application form)</li> <li>➤ iFrame video (such as from YouTube/Vimeo) and/or HTML5 video</li> <li>➤ HTML5 Audio and/or a related audio/Track from SoundCloud/another online source</li> <li>➤ CSS Tabbed Content Area</li> <li>➤ Accordion</li> </ul>	20
D	<p>SEO and Accessibility Issues: All html pages have appropriate titles, meta information for description and keywords within head <code>&lt;head&gt;...&lt;/head&gt;</code> area and alt information inside all image <code>&lt;img&gt;</code> tags.</p>	5
E	<p>Functionality of links: Header logo or Site title is linked to index.html; all the hyperlinks, navigation menu links and email links are functional, which means it should take the instructor or a visitor to the linked html page/URL/email address.</p>	5
F	<p>All the pages reflect a functional relationship between source code, CSS documents and/or related JavaScript files/scripts. The source code and CSS documents do not have any error.</p>	10
G	<p>All html pages will include the following design elements and style:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Consistent use of color/background color, logo/banner and/or site title in the header area across all html pages.</li> <li><input type="checkbox"/> Consistent use of color and background color in the footer area. Footer needs to have your name and email address. Email address needs to be properly linked so that anyone can send you an email using that link.</li> <li><input type="checkbox"/> Navigation menu on each page has a consistent look and information with functional links.</li> <li><input type="checkbox"/> Appropriate headings and paragraphs tags for textual content.</li> <li><input type="checkbox"/> Correct execution of at least two appropriate CSS3 effects/transition (e.g., transparency, background image, opacity effects on an image, box-shadow, text-shadow, transform, border radius, gradient) throughout the website</li> </ul>	10

H	All html pages include professional-quality, appropriate textual and visual content without any typo.	10
	Total	80

**Other grading Policies:**

- If your project does not include 7 webpages (including index.html), 5 points will be deducted for each missing page.
- **Late submission policy:** Since this project is equivalent to your final exam, any project submitted after 4 p.m. on May 2nd (Wednesday), 2018, will be marked as “late submission.” There will be a letter grade penalty (or 6 points) for late submission. No “late submission” will be accepted after 11:55 p.m. on Wednesday, May 2nd, 2018.