

SVG Icon Set

Using SVG Artwork and JavaScript Events

Assignment Description

Build a branded, scalable themed icon set using Adobe Illustrator. Export each icon from Illustrator as an SVG. Use the SVGs as assets on a webpage (think digital marketplace, like <https://iconstore.co/> or <https://iconmonstr.com/idea/>)

Add some simple interactivity with JavaScript. Use HTML (and the appropriate elements) to include a description of the icon set. The project should be available on Github.

Assignment Requirements

Use Terminal, Git and Github to create the project structure and a linked repository. Create a minimum of 10 SVG icons in Illustrator - the theme is up to you.

Use CSS to organize the icons on an HTML page with some branding and a (very) brief description for each. You can choose how you want to implement this - as an image tag source, as an SVG tag, or using the object tag.

Use CSS interactions transitions to change the icon's appearance (on hover, as an example, reverse all of the colours or add a drop shadow, etc).

When clicked, toggle a "selected" CSS class on the active icon and log a message to the console with the ID of the element that you've clicked. The ID should be retrieved and displayed with a JavaScript string template and variable (refer to the class example).

Push the finished files to your repo; include a readme that describes the project.

Merge everything to the master branch and submit a link to the dropbox on FOL - a .txt file is fine.

Submission

Homework must be submitted by midnight on the **Saturday of Week 3 (January 25)**

- Github repo: readme.md file, master branch, design branch and development branch
- correct structure for a web project (css, js, images and index.html)
- **DO NOT INCLUDE AI FILES** - just the SVGs in the image folder will do.
- Name the dev branches appropriately per feature IE **des.tvr.artwork**, **dev.tvr.script**
- Submit the repo link via FOL dropbox

ONLY THE MASTER BRANCH WILL BE GRADED

Additional Information

Missed tests/exams will not be rescheduled without some valid evidence of some important event over which the student has no control (e.g., Court appearance, death in the family). Missed tests or exams, therefore, can receive a zero. The students are advised to notify the professor prior to missing the test.

Students are expected to hand in all assignments to the course instructor on the due date, and all assignments must be submitted in the format specified by the instructor (e.g., on FOL, in printed form, on a specific lab computer, etc.); assignments will not be accepted in any format other than that specified.

Late assignments will not be accepted, nor will make up test or assignments be permitted, without some valid evidence of some important event over which the student has no control (e.g., documented illness, death in the family). Missed tests or assignments, therefore, will receive a mark of zero. Late assignments and make-up tests will only be permitted following the submission of adequate documentation acceptable to the instructor (e.g., a doctor's note). Students are advised to notify the instructor prior to missing an assignment due date or a scheduled test.

Immediately upon return from an illness/absence in which a test or assignment has been missed, the student is responsible for contacting the course instructor to discuss the problem. The instructor will make arrangements for any student deemed eligible. The alternative test/assignment will be of equal value to the one missed with no grade penalty. The timeline and due dates will be determined by the course instructor.

At mid-term, any unsatisfactory results will be reported to the student.

This course may be revised by the professor with suitable notification to the students. Students are responsible for making arrangements to pick up missed handouts, assignments and course announcements from classmates.

Plagiarism (e.g., failure to acknowledge sources used, submitting another student's work under your name, or producing work for another student to submit) is a serious academic offense that shall result in appropriate penalties, to be determined at the discretion of the course professor in consultation with the chairperson of the Communication Arts division. The penalties shall range from failure of an assignment to possible failure of the course. Students shall not make the assumption that any provision will be made by the professor to permit the student to rewrite or redo failed assignments.

