

## Homework 2: *Using SVG*

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# SVG ICON SET

**Authoring 1 HW 2**  
Using SVG Artwork

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## Assignment Description:

Build a scalable themed icon set using Adobe Illustrator; export each icon as SVG. Add some simple interactivity with JavaScript. 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. Organize them on an HTML page with a heading and a (very) brief description for each.

Use CSS transitions to change the SVG appearance internally (on hover, as an example, reverse all of the colours or add a drop shadow, etc). They should include fine details that are hidden at a smaller size (use a media query / make them responsive).

The icons should also include some transition effects that could be triggered with JavaScript: on mouseover, each icon should zoom (scale up) slightly; on mouseout, scale it back down. When clicked, log a message to the console with the ID of the element that you've clicked.

Push the finished files to you repo and submit a link to the dropbox.

## Submission:

- Homework must be submitted by midnight of Week 5 (Feb 19 - 23)
  - Github repo: master branch with any other dev branches you feel you need
  - Name the dev branches appropriately per feature IE dev.tvr.login, dev.tvr.commenting
  - Submit the repo link via FOL dropbox

### REQUIRED SUBMISSION FILES:

Please follow correct folder and file structure as outlined in class

## 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.