

CSE 3302 Lab Assignment 4

Due October 30, 2013

Goals:

Understanding of JavaScript and elementary event-driven programming.

Requirements:

1. Modify the seating chart application:
 - a. Overlapping “celebrity” images should not be allowed. If an image overlaps another one while being dragged, a gray X-box should appear. Further, if the mouse button is released (`onmouseup`) during overlap, an alert should appear followed by the image returning to its original pre-drag position.
 - b. The aspect ratios of images should be used. The provided version forces all images to be rendered (“stretched or reduced”) onto square regions with 70 pixels per side. Your version will still map the larger dimension to 70 pixels, but the shorter dimension will use proportionately less than 70 pixels.
2. Email your code, as a zipped attachment, to `sourabh.bose@mavs.uta.edu` by 12:45 p.m. on October 30, 2013. (Sending `.js` files as ordinary attachments will be blocked by MavMail.)

Getting Started:

1. The code to modify is at <http://ranger.uta.edu/~weems/NOTES3302/NEWNOTES/NOTES02/SEATING/>
2. The `height` and `width` properties of each `Image` will be useful for fixing the aspect ratios.
3. If you do not submit `html`, then <http://ranger.uta.edu/~weems/NOTES3302/NEWNOTES/NOTES02/SEATING/seating.html> will be used with your JavaScript code.
4. You may change the “celebrities” to a different “domain”.
5. Hitting “Load” multiple times is OK.