CMSI 371-01
COMPUTER GRAPHICS
Spring 2016

Assignment 0329b Feedback

All caps are released with the outcomes in this assignment because a sufficient amount of functionality will have been reached here.

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*Notes while running (high-priority notes are marked with ***):*

- An apparent separate scene page—*matrices-webgl.html*— seems to accompany the matrix library code, but nothing recognizable appears. There really should be only one scene anyway.
- Test suite is present but has failures, including "m.scale is not a function"—it appears this work is not finished, or its design is in flux (and thus should not have been committed yet).

Code review (refer to http://lmucs.github.io/hacking-guidelines/ for code-review abbreviations):

1. *** Tabs seen in *matrix-test.js*. (*4c*)
2. *** Matrix code is definitely there, but there appears to be confusion between when a function is to be assigned directly to the `Matrix` object vs. when the function should attach to its `prototype`. Please review how JavaScript objects work in order to straighten this out, or set a meeting with me so that we can go over this material. (*4a*)
3. *** Although the code is not running correctly, inspection also shows that the matrix functionality itself is already being used—although it is unclear how any of this code could have been written when that subproject in itself is currently broken. (*3a*, *3d*, *4a*)

2a — **–** …Not doable until matrix code is fixed.

2b — **–** …Code seems to try to do this but this is not apparent in the scene.

3a — **–** …Matrix library *code* is there but has failing unit tests and has not been clearly demonstrated to be functional yet.

3d — **–**

4a — **–**

4b — **–** …Inconsistency of design appears to be a major issue here.

4c — **/** …Code appears to be presented well (despite some tabs) but this is all for naught if it doesn't run as intended.

4d — **/** …Some review of JavaScript objects is warranted.

4e — **+** …Commit messages and frequency are appropriate this time.

4f — **/** …Code seems to have been in a decent state then regressed—as mentioned the noise has to do with functions assigned to `prototype` vs. not. This needs to be reviewed before additional work can be done, and thus for now we will consider the submission to be incomplete.