## CPSC 473 - Web Programming and Data Management

### Homework Assignment 9 - Spring 2016

#### Section 02 - due May 2, Section 01 - due May 4

1. Modify [Example 2](https://github.com/semmypurewal/LearningWebAppDev/tree/master/Chapter4/Example2) from Chapter 4 (“Our First Interactive App,” aka “Comments,” aka single-user chat) to use [Knockout.js](http://knockoutjs.com/).
2. Modify the version of Amazeriffic from [Chapter 7](https://github.com/semmypurewal/LearningWebAppDev/tree/master/Chapter7/app/Amazeriffic) to use Knockout.js.

#### Tips

* This assignment may actually be easier as it sounds.
* You may start either from the original version of Amazeriffic in Chapter 7, or from the real-time version of Amazeriffic that you developed in [Assignment 8](https://docs.google.com/document/d/1kT2swXBSy9gg029sddDWdfj7NwGZ4yhMVXzMS2fipnE/edit?usp=sharing).
* This assignment does not need to include real-time features, but you may find that some of the changes you made for the last assignment will make this assignment easier.

#### Working with Other Students

You may complete this exercise on your own, but you are encouraged to work together with another student.

If you choose to work with a partner:

* Submit only a single assignment.
* Include both names on the submission.
* Each student in a pair will receive the same grade.
* You may discuss the assignment with other pairs, but each pair must submit its own work.
* You may choose to work with a different partner on future assignments.

#### Submission

E-mail the following to [csuf.kenytt.net@gmail.com](mailto:csuf.kenytt.net@gmail.com) by 11:59p on the date indicated:

* The URLs of new GitHub repositories for Parts (1) and (2)

Include your name and your partner’s name (if you have one) in your e-mail.

Set the Subject: line of your e-mail to

[CPSC 473-02] Assignment 9  
or  
 [CPSC 473-01] Assignment 9

as appropriate. Monday night is Section 02; Wednesday night is Section 01.

You may submit multiple times before the deadline; I will only grade the most recent submission before the deadline, unless your e-mail indicates that I should do something else. Late work will not be accepted after the deadline.

#### Grading

This exercise is worth 10 points:

* Part 1: 3 points
  + 1 point for changes to index.html
  + 2 points for changes to app.js
* Part 2: 7 points
  + 2 points for changes to index.html
  + 3 points for client-side updates to app.js
  + 2 points for app.js interaction with the server

A point may be deducted each time you fail to follow the instructions as given. This includes submission instructions.

#### Notes

* Your code must pass JSHint with no errors or warnings using [this](https://gist.github.com/ProfAvery/c5db1692c457c526601c) [configuration](https://github.com/ProfAvery/node-box/blob/master/provisioning/files/jshintrc).
* Your code must be properly formatted. If you don’t know how to do this, use [JS Beautifier](http://jsbeautifier.org/).