CPSC 473 - Web Programming and Data Management

Spring 2015

Homework Assignment 9, due the week of April 27

Modify the version of Amazeriffic from [Chapter 7](#) to use [Socket.IO](#).

When a new `ToDo` item is added, other users browsing the page should see the update without reloading the page. All tabs (`Newest`, `Oldest`, and `Tags`) should be updated.

Tips

- This is not as easy at it sounds. Allocate the same amount of time for this that you would any previous assignment
- Consider using a jQuery effect like [.slideDown()](#) to avoid jarring changes to the visual appearance of lists

Submission

E-mail the following items to csuf.kenytt.net@gmail.com:

1. A link to a new GitHub repository containing your application

2. Screenshots showing your application in action

3. Set the `Subject:` line of your e-mail to

   ```
   [CPSC 473 - Section 1] Assignment 9
   ```
   or
   ```
   [CPSC 473 - Section 2] Assignment 9
   ```

   as appropriate (Wednesday night is Section 1; Monday night is Section 2).

Grading

- Adding Socket.IO to the server - 1 pt
- Adding Socket.IO to the client - 1 pt
- Connecting the client to the server - 1 pt
- Sending a Socket.IO message to the server when a ToDo item is added - 2 pts
- Alerting clients when a ToDo item is added - 2 pts
- Clients updating tabs when receiving a new ToDo item - 3 pts

Your code must be properly indented. Failure to do so will result in loss of a point. If you

cannot figure out how to do this, click [here](#).

Your code must pass JSHint using the configuration shown [here](#). Failure to do so will result in loss of another point.

Your submission e-mail must have the correct `Subject:` heading. Failure to do so will result in loss of a point.