COP 3813 – Introduction to Internet Computing – Fall 2016

Project 4 - JavaScript and jQuery

Goal

Design a fully functional, visually pleasant, "TO DO list app".

Recommended Procedure:

- 1. **Start from a working example**, such as the TO DO list from http://javascriptbook.com/code/c07/example.html
- 2. Run the example and ensure that you understand it.
- 3. Modify the example in meaningful ways, one change at a time.
- 4. (OPTIONAL) Look at the example from http://todomvc.com/examples/jquery/ for inspiration.
- 5. Design your own app! Make sure it does not resemble the examples above in any way that would look (and behave) like an obvious copy of any of them. To be clear, ideally, the functionality should be comparable to any example in http://todomvc.com/. But the looks and underlying implementation should not be a blatant copy of any existing example.
- 6. **Test your app** after every significant change / addition.
- 7. Once you've reached a point where your app is complete and fully functional in the browser of your choice (Chrome, Firefox, Opera, or Safari), **prepare the final package** (single zip, all that is needed, and nothing else).
- 8. Submit the final package via Canvas.

Minimum requirements:

- Your app **must** be your own work. If you use a site, app, textbook example or any other source as "inspiration" along the way, please make a note of it in your report.
- You **must** use jQuery (and you're allowed to use jQuery plugins, provided that you give proper credit in your app and/or report).
- Your app must be fully functional, i.e., it must allow:
 - Adding, editing, deleting, marking as complete, and unmarking as complete each individual entry.
 - Storage of the list items in the user's client machine, i.e., the list should be persistent.
- Your app must be available live online at: http://lamp.cse.fau.edu/

Deliverables

- A single zip file containing <u>all</u> files (.html, .css, .jpg, .js, etc.) necessary to see your page in a browser window and your brief report (see below).
- A very brief report (1-3 pages) describing any relevant aspect that I cannot tell just by looking at the page files.
 - For example: the editor(s) you used, the browser(s) you tested your page on, how was the jQuery learning curve, which tasks were more time consuming, etc.

Please name your file using your FAU username as a filename, e.g., jsmith85.zip.