King Fahd University of Petroleum and Minerals Information and Computer Science Department

SWE 363 – Web Engineering & Development – Spring 2015

Assignment #4 (worth 20 points)

Objective: Learn and practice CSS for menus and tables. Also, develop web pages with Arabic content.

Submission Deadline: Host your page on http://liveweave.com (Don't make the link public). Then e-mail the link by March 14, 2015.

You are to build a single Arabic page: it includes a 2-level horizontal menu and an HTML table.

Your menu must use some known techniques for building a "fancy" horizontal menu (with submenus). The basic techniques are described in http://designmodo.com/css3-dropdown-menu/

A similar nice menu: http://www.csstemplateheaven.com/demo/base2013/index.html

Your menu *must be in Arabic (right-to-left)*** with its *own theme* [background, font (size, style, color)] and must include a cool *hover* and *current* settings. For *current* setting, have one of the menu entries use a *class="current"* and provide some appropriate CSS rule for this class.

**Important Note: You are not allowed to copy HTML/CSS code of a whole menu from some other site. Any such solution will have no credit whatsoever.

Also, do the following:

- 1. It is OK to remove the images from submenu (for easier hosting by *liveweave.com*). However, bonus points will be awarded for using some popular ICON font: http://metroui.org.ua/icons.html or http://fortawesome.github.io/Font-Awesome/get-started/
- 2. Add a small (flipped triangle) image to give a clue that a menu item has a submenu, as in: http://www.csstemplateheaven.com/demo/base2013/index.html
- 3. In the same page that has the menu, add **the first table** from http://www.qatarfootball.com/showthread.php?t=65986 but style it with ideas from http://cssmenumaker.com/blog/stylish-css-tables-tutorial
- 4. **HTML and CSS Validation:** Use W3C **HTML5** and **CSS3** validators to ensure that your page is free of HTML or CSS errors. Use *Validate by direct input*.

For help on RTL (Namely, there is a "dir" HTML property and CSS "direction" property; also, you may use the CSS "text-align" property):

http://www.w3.org/International/questions/qa-html-dir http://www.i18nguy.com/markup/right-to-left.html