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

SWE 363 – Web Engineering & Development – Spring 2016

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 10, 2016.

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

Utilize some known techniques for building a CSS3 horizontal menu (with submenus). The basic techniques are described in http://designmodo.com/css3-dropdown-menu/**

Important Note: DO NOT copy HTML/CSS code of a whole menu from some other site. Any such solution will have no credit whatsoever.

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.

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. In the same page that has the menu, add **the HTML table** from
   http://omanfootball.com/asian-football/west-asia
   but style it with ideas from http://cssmenumaker.com/blog/stylish-css-tables-tutorial

3. **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

**Some Similar CSS3 Menus:

- A CSS3 Mega Drop-Down Menu, http://designmodo.com/create-css3-mega-menu/
- Create a Simple CSS Dropdown Menu (w/Video),
  http://blog.teamtreehouse.com/create-simple-css-dropdown-menu
- Pure CSS Dropdown Menu (Video on YouTube),
  http://www.youtube.com/watch?v=BcNgSCjjjlc