SWE 363 – Web Engineering & Development – Spring 2016

Assignment #2

Objective: Learn basic information about the HTTP protocol and use a browser's developer tools to inspect HTTP headers.

Use Chrome Developer Tools to obtain snapshots showing the following HTTP Headers data.

1. Two snapshots showing *cookie* and *set_cookie* headers for *google.com.sa*; Name these snapshots as *cookie.png*, *set_cookie.png*. (**Note:** the *cookie* snapshot must correspond to *set-cookie* and have a later time.)

2. Two snapshots showing HTTP headers corresponding to two HTTP requests for fetching *a specific image from your own course site* (**and both having the if-modified-since header)**, one snapshot where the image is gotten from the browser's cache; the other snapshot where the image comes directly the web server; Name these snapshots as *cached.png, uncached.png*.

Reference the four images (with appropriate titles) in an HTML file named *HW2.htm*, host it on your site and e-mail the corresponding URL to instructor.

Submission Deadline: Sunday Feb. 7, 2016.

Important Note: The textual info. in the four images must be clear and readable.

To get a screen-capture of the browser window, follow these steps:

Size Browser Window appropriately → Alt+PrtSc (*image window is now saved to clipboard*) → Start MS Paint (***Run** mspaint*) and Paste → File Menu/Save As & choose PNG format