Introduction to ITWS Quiz 2: November 5, 2012

1. Technology: (50 points, 50 minutes)

Download Quiz2.zip from LMS to your computer.

It contains the solution files for Labs 6 & 7 as reviewed in class, The NYTHomePage.xml file, the jQuery resource file in the resources directory. And 3 files, named:

Quiz2.html

Quiz2.css

Quiz2.js

Unzip this file to a folder on your computer.

Rename the Quiz2.xxxx, files to Quiz2-yourname.xxxx

When you are done, zip the files and upload them to LMS. The zip file should also be named Quiz2-yourname.zip

You will work in the Quiz2 files.

- Remember to update your includes with the new names for Quiz2.js and .css
- Place your name in the h1 tag and in the Title.

Part I: (30 points)

Load the NYTHomePage XML file which you used in Lab 7 into the #showHideBlock Load the articles' links and titles as before

Instead of loading the date, load the articles' description

When the page loads the user should not be able to see the description

When the user hits the Hide, Show or Toggle text links, it should take the appropriate action showing and hiding the descriptions as directed.

Part II: (20 points)

Replace the lab 6 button with 4 buttons.

When each button is clicked open an alert box, which shows:

- A the number of elements in the bodyBlock
- B the number of div tags in the document
- D the number of li tags in the showHideBlock
- D the number of p tags in the document

- 2. Marketing, E-Commerce, and Retail Applications plus "The Future of Shopping Case" (20 points, 15 minutes)
 - a. What are three distinctly different "innovations in technologies" that have made the "E-Commerce Evolution" (video seen in class http://www.youtube.com/watch?v=LW4X3b_j0eE) possible? Why did these technologies enable the advancement of E-Commerce? Answer in complete sentences. (9 points)

b. Based on your understanding of "The Future of Shopping" Case and Web Technologies, discuss two distinct examples of how Web 3.0 (Semantic Web) Concepts (do not use Web 1.0 or Web 2.0 Concepts) could be used in the future by Amazon.com to increase their online sales. Answer in complete sentences. (6 points)

c. We have had many "Guest Speakers" (individuals in class, Alumni Panel Speakers, and videos of individuals seen during class) in this course. Give the "name", the "company or organization represented", and "one important point" made by a Guest Speaker about "Marketing, E-Commerce and Retail" Applications. Answer in complete sentences. (5 points)

- 3. Entertainment and Gaming Applications and "Social Strategies that Work" Case (20 points, 15 minutes)
 - a. Discuss three "Social Strategies" (not "digital strategies") that RPI Admissions could use to attract more high quality applicants to RPI? Answer in complete sentences. (9 points)

b. Discuss two examples of how this "Intro to ITWS" course could use "Gamification" to enhance students' learning. Answer in complete sentences. (6 points)

c. What changes have occurred in your choices of "Entertainment and Gaming" over the last four years? How have "Entertainment and Gaming" companies used "Social Strategies" to influence your choices in "Entertainment and Gaming"? Answer in complete sentences. (5 points)

4. Technology: Human Computer Interaction (10 points, 10 minutes)

a. What is one of the most valuable attributes when trying to understand a user's situation when you are developing a solution? Why? Answer in complete sentences. (5 points)

b. What is one of the main questions to ask yourself when determining whether or not your intended solution meets a need? Why? Answer in complete sentences. (5 points)