**CS4720 Internet and Web Tech.**

**Spring 2016**

**Midterm Project/Assignment 3 (JavaScript)**

Assign: 3/7/16

Due: 3/27/16

**Problem Description:**

Using JavaScript to implement the following functions in your restaurant website (based on assignment 2):

1. ***~~Dish Order page~~*** ~~– This is a new page. We assume that this page will be displayed to the small device used by the waiter/waitress to take the order.~~

~~This page contains a simple header for the page title. This header is a simplified version of the header that you made in assignment 2 for end user’s pages. It may or may not include an image (smaller size). It does not include buttons to other pages. There is no footer in this page.~~

There are two sections in this page.

1. Staff **login section** containing:

* ~~two fields for user name and a password~~
* ~~a login button~~
* ~~a reset button~~

~~At this stage, use any name/password as predefined virtual name/password. But the test for the predefined name/password must be done.~~

1. **Order** section containing a form (below login section):

* ~~table number~~
* ~~a table of all dishes with their prices (same table in you menu page without any images)~~
* ~~a ‘number’ field attached to each dish in the table allows to enter a quantity of the ordering~~
* ~~a ‘Place Order’ button (activated only when staff login successful)~~
* ~~a ‘Change Order’ button (activated only when staff login successful)~~
* ~~Note, you may add more cells in the table and more buttons as your business needs~~
* ~~When ‘Place Order’ is pressed, display the dishes in the order and the total in the bill.~~
* ~~Create a 4 digit~~ *~~order number~~* ~~(a random number) and display it at the top of the info. The info should be formatted properly.~~

[We assume that the order will be sent to the kitchen through network and will be paid]

1. ***Reservation page*** – This is one of the pages in your assignment 2
   1. ~~Ensure that the reservation date is valid and in the future. Otherwise, inform the user of the specific error.~~
   2. ~~Confirm with your user when they use the “reset” button~~
   3. ~~After the user makes a reservation, display a “confirmation” data. The confirmation data will format and display all of the user’s entries on the reservations page.~~

Write a javascript code in your restaurant website home page and reservation page. Using localStorage and/or sessionStorage skill to do the following:

1) ~~Store the user's real name entered in the reservation page~~

~~2) When the home is reselected, show "Hi" to that name.~~

~~3) The message display position should be set properly in the home page.~~