Final - Assignment #5 - Create a web app

Due Date: April 20th, 2013 at <u>2:00pm</u>

Late penalty for assignment submissions is 5% per day.

Assignments will NOT be accepted after April 22, 2013 at 11:59pm and will receive a 0 grade.

Assignment Overview:

The purpose of this assignment is to test your knowledge on techniques used for creating a mobile web site/app using the jQuery Mobile framework. You will also be tested on your ability to incorporate concepts covered from semester 1 until the current lesson as standard HTML & CSS practices still apply.

You will be responsible for creating a mock Twitter web app using jQuery mobile.

You will be supplied with **three** design layouts in PSD form: home.psd, me.psd and tweet.psd

These PSDs will be your guide for creating your mock web app.

The requirements are as follows:

1) Create 3 HTML pages: **index.html**, **me.html** and **tweet.html**

2) Convert the PSDs using the built-in jQuery Mobile widgets as well as create some custom CSS styles.

In addition to converting the psd to valid HTML & CSS, there are some page linking required as well.

3) In the home.psd, there are two main folders: "home" and "image tweet."

      a. From the link on the "home" page, **index.html**, you will link to the "image tweet" page.

      This should be created using a jQuery Mobile multi-page template.

      b. "Me" in the footer should also link to **me.html**

This should be created as a jQuery Mobile multi-page template.

4) In the me.psd:

      a. the first tweet should link to **tweet.html**.

      Use the jQuery Mobile "listview" technique to link the pages.

      b. "home" should link to index.html

This should be created as a jQuery Mobile single-page template.

5) In the tweet.psd:

      a. "home" should link to index.html

      b. In the header, the arrow should link to me.html

This should be created as a jQuery Mobile single-page template.

6) Name your root folder "final-assignment"

7) Optimize your code for the IOS Simulator.

8) Upload your completed assignment to our shared Dropbox folder.

Assignments not submitted via Dropbox will <u>not</u> be marked.

You will be marked on the following criteria:

1) HTML and CSS best practices

2) Proper organization of HTML, CSS and folder structure

3) Semantic HTML tags

4) Clean and efficient markup

5) Proper usage of the JQuery Mobile framework

6) How closely the web app resembles the design

BONUS: Add transitions

- *For 3a. -   link in index.html to image tweet* (2 points)

slide up when linking to the image tweet, **slide down** to close the image tweet.

- *For 4a - First tweet should link to tweet.html* (2 points)

Use a **slide** transition to link to tweet.html.

From tweet.html, use the **slide** transition again to go back to me.html from the "back" arrow button.

Download the PSDs here: http://db.tt/bnjOiYi0

Resources:

http://view.jquerymobile.com/1.3.1/dist/demos/faq/how-does-theming-work.html

http://www.hongkiat.com/blog/build-websites-apps-jquery-mobile-custom-themes/

http://www.netmagazine.com/tutorials/create-custom-theme-jquery-mobile

http://www.adobe.com/devnet/dreamweaver/articles/theme-control-jquery-mobile.html

http://jquerymobile.com/demos/1.0rc2/docs/content/content-themes.html

Not following the instructions outlined above are subject to deduction of marks.

The weighting of this assignment is 25%.