Lab 8: Smart Form and jQuery

Use Mozilla Firefox on campus to test server part

Description: You need to implement a web page with the following functionality.

1. A set of tabs with text and a picture on each. It can be automatically generated text. Use jQueryUI and a theme for the tabs and all buttons and the datePicker of the page. Note: you can link directly to the jQueryUI site, no need to download all scripts. To get credit your jQueryUI style must be **different** than the style used in the book sample on Chapter 9. (6 points)

2. When the user clicks the Join button, a form displays. Use jQuery for the event. You need to format the form manually, matching the jQueryUI theme. Important to round corners and borders, font and colors. (5 points)

3. Use HTML5 form validation for name and e-mail. For the datePicker, the user must be at least 18 years old, so you need to adjust the datePicker for that. (8 points)

JOIN US!

Please complete the form. Mandatory fields are marked with an *

Name * Valerie Torres

Email * me@gmail.com

Birth Date *

| ◀ | Feb | ⌄ | 1997 | ⌄ | ▶ |

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

When the user tries to submit the form, HTML5 validation takes place.

Please complete the form. Mandatory fields are marked with an *

Name *

Email *   This is a required field

Birth Date *

Submit Application

*Please complete the form. Mandatory fields are marked with an * *

Name * Valerie Torres

Email * yes ✕

Birth Date You must enter a valid email address

Submit Application

4. All must work on-line! After the user submits the form (only if it passed the HTML5 validation) the same form (on the initial page) is updated with the **response from the server**. (14 points)

Click this tab again to close the content pane.

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JOIN US!

*Please complete the form. Mandatory fields are marked with an * *

Name * Valerie Torres

Email * val@hot.mail.com

Birth Date * 02/08/1988

Submit Application

Reply from the server:
Thanks for joining our club!
We have filed the following information:
Name: Valerie Torres
Email: val@hot.mail.com
Birthday: 1988-02-08

5. Must have css, scripts and images on separate files inside their respective folders. Place all files and folders in a folder. (2 points)

6. **To get credit you must use jQuery** for all animation effects and to bind event handlers.

References: Chapter 7 of the book (jQuery); Chapter 9 of the book (jQueryUI), HTML validation (web).

http://jqueryui.com/themeroller/

http://jqueryui.com/tabs/#collapsible

http://jqueryui.com/datepicker/

The server needs to manipulate the form data using PHP. You need to put all files inside a folder on the CS server. All must work on-line. On-line permissions must be set properly.

http://www.w3schools.com/php/php_forms.asp
(This will come back on a new page, do NOT use)

To get an answer on the same page, you need to write more code. See a working example here:

http://www.prosetech.com/html5/Chapter%2012/AskTheServer.html

http://www.prosetech.com/html5/Chapter%2012/Display.php?code=WebCalculator.php

Submit to the dropbox: All files in a zip folder, link on comments.