Memo	IMED 2351
DUE	**October 29, 2015**

MIDTERM PROJECT

You will create a web site using HTML, CSS and JavaScript. Your site will contain 3 pages including: Home page, Contact page and Feedback page.

Use the skills learned from the class lecture, exercises and your logic to complete this project.

This project will demonstrate the student's ability to do the following:

1. Use unobtrusive JavaScript
2. Use variables, conditionals, loops, arrays, functions and Objects
3. Use proper CSS and HTML
4. Use JavaScript Events

Project will consist of the following files:
- index.htm
- contact.htm
- feedback.htm
- thankyou.htm

Use any images you would like to use.

Only use plain JavaScript for this project. Do not use any libraries or frameworks.

Sample: http://student99.itse1306.net/imed2351/midtermdemo/

Post the URL's to your project on the EagleOnline site in the "Midterm Project" section.

ZIP your files and attach them to the project. If you post your project and wish to make changes, send an email to me, douglas.roberts@gmail.com to release your project so you can upload again.

The posting of the URL to the Notes section of the Project is an indication to me that you have completed the project and wish for me to review and grade it.

Home Page

Do the following for the Home page:

A. Name this page "index.htm"

B. Create navigation links to all forms – Contact and Feedback

C. You can layout the home page and all other pages any way you want. Have a consistent design/theme for the site.

D. Put your full name and course name anywhere on the home page.

E. Hide/Show: On the home page, come up with 4 paragraphs of content (can use Lorem Ipsum) that will be hidden on page load. Each paragraph will have a subtitle that when clicked on will show the hidden paragraph. When the subtitle is clicked again it will hide the paragraph.

F. Rotating images: Show rotating image(s) sequentially every 3-5 seconds. The images will be displayed from a choice of at least 4 pictures/images. Display a related title/caption for each image.

G. Countdown: Display on the home page the message "X Days until <event>!". For example display "100 Days until Thanksgiving!" or some other event. The event can include a holiday, birthday or any day. Use JavaScript to keep the countdown of the days.

Only use plain JavaScript for this project. Do not use any libraries or frameworks.

Contact Form

Do the following for the Contact Form:

A. Name this page "contact.htm"

B. Build a form with **Name** (text field), **Email** (text field), **Message** (textarea field)

C. You may style the form any way you like.

D. Make sure there are navigation links to all other pages.

E. Use JavaScript to check the existence of data in each field (validate) when the submit button is pressed. All fields are required.

F. If a field is blank, then display an error message next to the field that is missing information.

G. **Extra Credit:** For the **Email** field – validate for correct email format "e.g. email@domain.com"

H. If all fields are Valid then allow submission

I. Submit (redirect) the form to a page named "**thankyou.htm**"

J. "**thankyou.htm**" will simply display a message "Thank You!"

K. **Extra Credit:** Limit the **Message** textarea to 250 characters max. You can either:

   a) Stop the user from entering more than 250 characters, or

   b) Display an error message if they exceed the limit after clicking the Submit button.

Only use plain JavaScript for this project. Do not use any libraries or frameworks.

Feedback Form

Do the following for the Feedback Form:

1. Name it "feedback.htm"
2. Make sure there are navigation links to all other pages.
3. Build a form with the following fields and attributes (see below)
4. Validate all required fields. Display the error message next to the field.
5. If all fields are valid and the "I agree..." checkbox is checked then Submit (redirect) to page "**thankyou.htm**"
6. "**thankyou.htm**" will simply display a message "Thank You!"

Name	Text field	**Required**
Email	Text field	**Required** **Extra-Credit:** validate email format (email@domain.com)
Phone	Text field (3 text boxes – NNN-NNN-NNNN)	**Required** **Extra-Credit**: auto-tab to next box **Extra-Credit**: only allow numbers
Gender	Radio buttons	**Required** Male | Female
How many Pets do you have?	Select list	(None, 1,2,3,4,5) When selected will display text field(s). Text fields will be drawn based on number selected.
Pet Name: #N	Text field	Only displayed when option above selected. Draw number of text fields based on selection.
Interests	Check boxes	None | Walking | Running | Swimming | Biking | Other **Extra-Credit**: If "Other" checked then display text field
Comments	Text area	**Required**
I agree to the Terms of the site	Check box	**Required** When checked will enable the disabled "Submit" button
Submit	Button	Disabled upon page load Will submit form when all required fields are valid

Midterm -- Grading Summary

Description	Points	Score
Home Page		
- Has navigation links: Home | Contact | Feedback - Display the Student name and Class name - Has collapsible content using Hide/Show - Display a random image upon page load - The current year is displayed in footer – using JavaScript - Has Countdown - EC: See page 2	25	
Contact Form		
- Build a form with Name, Email and Message - All fields are required. Will show error message "inline" next to the field. - Upon a valid form, will Submit to page "thankyou.htm" - EC: See page 3	25	
Feedback Form		
- Build a form with fields from page 5 - Will require the fields indicated from page 5. Show error message "inline" next to or near field - Have an "I agree to Terms" checkbox that will make Submit button clickable. Submit button will be disabled until checked. - Meet all requirements specified on page 5 - Upon a valid form, will Submit to page "thankyou.htm" - EC: See page 5	50	
Total:	100	

EC = Extra Credit