Assignment #4: HTML/HTML5, CSS, and JavaScript. (50 Marks Total)

Submission: **(5 marks)**

- Lists all members
- Only one member submits the URL.
- URL is correct
- Main page is called index.html

Overall: (10 marks)

- At least 4 pages
- Consistent style throughout
- Style matches the theme
- Your level of enjoyment from the site
- Links in the header of every page (easy to navigate)
- Everything works
- JS widget fits with overall theme

1st Page or "home" page: (10 marks)
- Introduce or characterize in some way what your site is about.
- Have a "tag line" that characterizes your team's purpose in some way. Tag lines usually go with a logo, or title, or as part of an introductory paragraph.
- Links to all of the other pages on the site.

2nd Page – the "media" page: (10 marks)
- At least one sized image that works with your topic.
- At least one embedded video that works with your topic.
- Embed at least one customized map from Google Maps that works with your topic.
- An HTML table used in some way to organize some or all of your media.
- Descriptions/headings/text to weave the media components together – in other words, don't just plunk the media components down on the page, make them part of the user experience by giving them meaning within the context of your site.

3rd Page – the JavaScript page: (10 marks)
- Prompts the user to enter a name.
- Use an **if statement** to say either "Good morning user_name, Good afternoon user_name, Good evening user_name, or Good day user_name to the user, where user_name is the name the user entered at the prompt.
  - Should use the **Date() object**

- A widget of your own design that uses form components to interact with the user – it should solve a simple problem (e.g. calculate a carbon footprint, what a donation of x dollars per day can buy, virus comparison tool, etc.), or let the user play a game, or just generally do something based on user input (e.g. change the colour of elements on a page).
  - Must use form elements
- You should write a paragraph describing how the Javascript behind the tool works. Reference any outside resource that helped you with this widget (you don't have to reference lectures / labs).
  - This should be in the document nearby
- You may also add some JavaScript you have discovered online – put a comment in the code saying where it came from and list it in the references section.
  - This is optional, give a little bonus to those who do it.

4th Page – Contacts & references page: (5 marks)
- You should have a listing for each person in the group here with a little bit about them.
- You should also list any references here.
- Use any of the reference styles you wish (e.g. APA, MLP, Chicago Style, etc.) to reference your work. Use http://www.wikihow.com/Cite-a-Website to learn how to cite web pages.

NOTES:
- They do NOT have to have the pages broken down exactly in this way. That is, the name prompt may be on the first page, the video on the third page etc.
- They may even separate the Contacts & References onto two pages.
- Just make sure everything they were asked to do is somewhere in their site.
- The only place you need to look at source code is in their Javascript to make sure they use the Date() object, if statements and forms on their widget.

ASSESSMENT

Each component will be individually evaluated using the following rubric:

A+ given for overwhelming evidence of original thinking; excellent organization; outstanding capacity to analyze and synthesize; superior grasp of subject matter with sound critical evaluations. All other material in the assignment is exemplary, almost to publication standard.

A to A- given for strong evidence of original thinking; excellent organization; capacity to analyze and synthesize; superior grasp of subject matter with sound critical evaluations. All other material in the assignment is correctly completed in an exemplary manner.

B- to B+ given for good evidence of original thinking; sound organization; some capacity to analyze and synthesize; good grasp of subject matter with some sound critical evaluations. All other material in the assignment is correctly completed.

C to C+ given for evidence of grasp of subject matter, some evidence of critical capacity and analytic ability; reasonable understanding of relevant issues; evidence of familiarity with the concepts and subject matter. Other material in the assignment is, in general, correctly completed.

An overall assessment, based on the above rubric will also be evaluated.

Each component will be assessed and an average grade computed.