CSCI 4131 – Internet Programming
Assignment 2

Posted 9/11/2014 – Due 9/19/2014

1 Description

The objective of this assignment is to expose you to more advanced HTML concepts and to introduce page styling through CSS. In this assignment you will update your calendar from Assignment 1 by adding styling and also link it with a second HTML page. The second page is mock submission form used for submitting new entries to your calendar. We will leave several of the styling options up to you on this assignment. We encourage you to be creative and to explore designs other than the provided sample on this assignment.
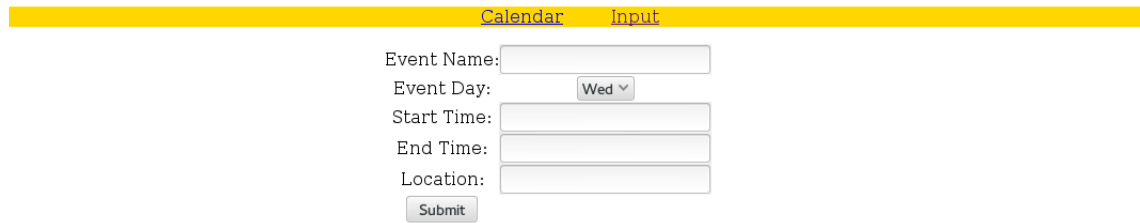
2 Requirements

Develop a second webpage with an HTML form and several inputs for submitting new calendar events. The form does not need to be functional, but should appear so. Place an image below your calendar. Days of the week should be selected with a drop-down list. The two pages should be linked via a navigational bar. Use a single CSS file, `style.css`, to provide a consistent styling across both webpages. NO styling should be present in your HTML file.

Figure 1: An example calendar after styling with CSS.

You should test your webpage with either Firefox or Chrome. Tell us which was used at the bottom of your webpage.

Calendar Input

Calendar   Input

Event Name: [   ]
Event Day: [Wed ⌄]
Start Time: [   ]
End Time: [   ]
Location: [   ]
[Submit]

Figure 2: An example input page.

3   Evaluation

Your submission will be graded on the following items:

- HTML files pass w3schools validator (`http://validator.w3.org`) **without errors**. Warnings are accepted. *5 points*

- CSS files pass w3schools validator (`http://jigsaw.w3.org/css-validator/`) **without errors**. Warnings are accepted. *10 points*

- Navigation bar is present and correctly uses `<nav>` tag to link between calendar page from Assignment 1 and form page. *10 points*

- `style.css` is present and styles both HTML files in a consistent manner. *10 points*

- Place day headers in a `span` to provide special styling, such as boldface or increased font. *10 points*

- You should use at least two **div** elements on your calendar page. Think about the most logical places to use them. *10 points*

- At the bottom of the webpage, tell us which browsers you used to test your HTML. Should include **at least** Firefox or Chrome. *5 points*

- No styling is present outside of your CSS file. *5 points*

- Align the labels and inputs of your form using CSS' `display` attribute. *5 points*

- Days of the week should be selected from a drop-down list. *5 points*

- Style the table using CSS. The sample provided is only a guideline – feel free to get creative here. *5 points*

- Use CSS to make times appear in italics. *5 points*

- Place an image on your original calendar HTML page. *5 points*

- Your submission should be packaged in a tarball or zip file. When opened, it must create a directory titled '`<UMN internet ID>`' containing all of your files. *10 points*