Web Development – Mr. Turner

Spring Final Project – Web Application

**Project Overview**

Create your own web site.

**The Site**

Create your own web application.

The purpose of this project is for you to demonstrate competency with all of the tools we’ve learned over the fall and spring semesters.

You may work in a group, but I must approve the group and your project.

The theme of the project is entirely up to you (within reason; nothing vulgar or offensive please).  The page or pages will be heavily coded in Javascript and may rely on server side support for the use of data (***the use of Javascript data files will not be permitted for this project – if your project requires data, it must be handled server side***).  Remember that this is an ***application.***That means it is a fully functional and running program.  It can be a game, a simulation, a shopping cart (an actual one that saves your cart and has a checkout) that keeps track of your shopping history, an interactive educational website, or anything you can think of.

***I will not accept a site that is a series of mini games or mini programs.  Your program needs to have consistency and a goal.***

Your home page ***must*** be named “index.html”.

Your pages should have a visual theme, implemented through the use of CSS.

The project will be completed over several weeks and you will have to turn in a proposal and Works in Progress (WIPs) at several points.  Please check Moodle for due dates.

The ***proposal*** should be a complete specifications sheet, outlining the main idea and all of the features of your web site.

The ***WIPs*** will be scattered about a week apart.  For each of them, turn in whatever work you have completed at that time.  I expect that parts of your project will be complete while others will be in progress.  Over the course of the WIPs, your project should show clear development.

The ***presentation*** of the web site to the class is voluntary.  You may demonstrate the content and the features of your website to the class as well as the code you used to develop it.  You should have an idea of what you want to say before you present.  The class will have an opportunity to make comments and ask questions.  Presentation of your project demonstrates confidence in your work and knowledge of the subject material.  A presentation is ***strongly*** ***encouraged.***

**Programming Requirements**

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| * You must write all of your own code. Use of a drag and drop interface or the usage of code downloaded from the internet is not permitted. |
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| * Use of deprecated code is not permitted. |
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| * Your home page must be named *index.html or index.php*. |
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| * You must comment your name into the top of every page. |
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| * Your code must be structured in a consistent and legible manner. |
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| * Your interface must be smooth and easy to figure out for a client. |
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| * Your pages must be formatted using CSS. |
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