Web Development – Mr. Turner

Project – Web Quest

Project Overview

A Web Quest is a website that provides all of the necessary information required to complete some kind of project. You may choose any topic for the content, from building a model airplane to cooking a meal, to traveling through time. Content is unrestricted (within reason), but must be substantial enough to merit a web quest.

Display

The list below includes the essential elements of the page.

- Your site must include 6 pages.
    - The **home page** gives the client an overview of the project.
    - The **introduction** describes the goal of the project, why it is worthwhile, and its validity within the scope of its influence.
    - The **task** describes, in detail, what the client must do in order to complete the project.
    - The **process** gives step by step instructions for completing the project. This section should include links to other web pages that will provide aid with research toward completion of the project.
        - This should be a functional checklist and the system should save the checked-off items across pages using sessionStorage.
    - The **evaluation** describes is a page that allows the user to self asses. There can be a form for standardized information or text areas so that the user can type in their own evaluation.
        - The evaluation should be saved across pages using sessionStorage.
    - The **conclusion** wraps up the project and gives the client a summary of completed tasks and the evaluation.
- Each page must contain a control panel that allows the user to alter the look and feel of the pages.
    - Different colors for the foreground and background.
        - The page should know if the user has selected the same color for both and disallow it.
    - Different fonts and font sizes.

Functionality

A webquest is largely about the interface, and is a good opportunity to home CSS skills. All 6 of your pages must have a consistent *look and feel* to them. Choose a color and layout scheme that will be pleasing to the eye and intuitive for the user.

One of the most important pieces of your site is the navigation. Your user must be able to cycle through the pages in the order described above. In addition, they should also be able to jump to any page on the site *from* any page on the site.

External links (links that refer to other websites) should all open in new tabs.

The process page must allow the user the close or hide certain steps in the process. A hidden step will show the title and some control for opening it as well as the box to mark it done. The steps should all begin hidden so that the user can see all of the titles and open whichever ones they needs for more information.

Enhancements

- Define multiple layouts using multiple CSS files. In the control panel, allow the user to select his or her own preferred layout.