Content Management System

BRIEF

Large websites use content management systems to allow organizations to maintain their own content. Moving a design concept to a CMS is both the responsibility of developers and web designers who have some front-end development responsibilities. For this assignment you will, as a team, migrate the existing Voices of Oswego Veterans website to Wordpress (as a child theme) so that new seasons of the podcast can easily be released.

OBJECTIVES

- Break designs into individual reusable components/modules
- Translate prototype into a Wordpress theme
- Simplify HTML structures and reinforce semantics
- Implement advanced CSS selectors when possible, rather than places classes on content that will be added by a content editor
- Remove redundancies in CSS
- Strengthen front-end development skills

PREPARATION

- Complete Wordpress Essential Training tutorials
- Install MAMP or WAMP
- Break one of your existing projects into reusable components. Pull components in to individual pages using PHP.
- Complete Chapters 1 & 2 (including exercises) in Wordpress: Building Child Themes
- Clean up and simplify HTML and CSS with existing VOV files
    - Remove redundancy
    - Simplify structure
    - Use advanced selectors where possible, on content that will be added and updated by content editors

BUILD CHILD THEME

- Choose one of the default Wordpress themes to use as a parent theme
- Create and activate child theme. Plan to build styles from scratch (but bring in resets).
- Install the following plugins: TinyMCE Custom Styles, Advanced Custom Fields, HTML Special Characters, Regenerate Thumbnails, List Category Posts, HTML Editor Syntax Helper
- Bring in content
    - Podcast pages will be posts (and excerpts on home page will come from these posts)
    - Home, About, Authors, Season 1 will all be pages
- Set up menu
- Establish header and footer (you can change the copyright content in footer with a hook in the functions.php file or can create your own footer file).
- Style pages
- Style posts (note you will need to add custom fields and will need to make a custom template)

RESPONSIBILITIES

- Nicole & Maddy will build the child theme
- Marissa will double check work, answer questions, and help to strategize solutions

TURN IN

- Daily log (individual)
    - List all activities completed including what was looked up and where
    - Identify areas where you were stuck
    - Reflect on what you have learned and revelations you have had
- Portfolio Documentation (individual)

- Theme (collaborative)
    - Daily theme backups (name with date, for example 4_7_18_VOV)
    - Final theme with folder of plugins
    - Create installation manual that identifies all settings, plugins (and their settings) that need to be set up to run the theme. These instructions will be used to make the new theme live.
    - Instructions for a content editor

EVALUATION

40% Development (Design, Technique, Code-base)
40% Process (daily log, research, collaboration, final reflection)
10% User Experience of Editor (instructions, complexity of adding each new episode)
10% Portfolio Documentation

TIMELINE

April 11 Preparation Complete
April 30 Theme complete
May 4 Installation Manual and Instructions for Content Editor
May 7 Portfolio Documentation, Final reflection