

Assignment 3 - WordPress Site Development

This assessment brief should be read in conjunction with the Assignment 1 Client Brief available on Moodle. Teams will be allocated using Moodle group self-selection (see My Assessments page).

Working in teams of 2, develop a ***partial implementation of a working WordPress website*** based on the client brief and prototypes developed in Assignment 1. Additionally, your website must be supported by planning documentation that describes decisions made by the team when developing the website.

Your team must choose 2 page types from the assignment 1 brief to implement:

- The home page of the website
- A page that lists all of the festival's events
- A page that gives detail about one specific event

Additionally, your team must also implement 2 of the following standard WordPress page types:

- Single post **or** single page (displaying content of 1 post or page)
- Post archive **or** Search results (displaying a list of several posts or pages)
- 404 error page (what makes a good or useful 404 page?)

Your team must determine the most suitable teamwork practices to facilitate effective communication and collaboration. This may include use of online collaboration workflows, or planned division of work.

Requirements

Planning Documentation

Prepare a written report that documents your research and planning process for the web page prototype.

- **Project Overview**
 - Indicate whether the site should be tested using desktop or mobile screen dimensions.
 - List the page types your team has chosen to implement for this assignment. Clearly list the navigation menu items your tutor needs to access to test each page template.
 - Outline the teamwork tools and practices your team plans to use for this assignment. Discuss any potential or real issues relating to the chosen tools/practices.
- **Research and Conceptual Development**
 - Discuss how your team has decided which design ideas to proceed with. For example:
 - A combination of ideas from both team members' Assignment 1 prototypes.
 - Further development of 1 team member's Assignment 1 prototype.
 - Development of a new website concept based on what you learned in Assignment 1.
 - Include any research relating to development of the design or technical implementation
 - Discuss decisions made regarding specific elements of the site's visual brand design.
- **Content Management Architecture**
 - Analyse the content management structure requirements for storing event data effectively.
 - Describe how custom post types, taxonomies and fields can be used in WordPress to aid information entry and storage.
- **References**
 - Provide references for all non-original content used in the documentation.
 - Provide references for all third-party code used in the site, including frameworks.
 - Provide references for all non-original image content used in the website.

Partial WordPress Website Implementation

Implement your team's concept - with high-quality branding - as a working WordPress theme. To test the theme, you will need to populate the WordPress backend with an appropriate amount of content.

- At least 10 single posts or pages
- At least 20 events

Within the WordPress backend, your team will need to design a content management structure (using custom post types, custom taxonomies and custom fields) to allow the client to enter event information in an intuitive way. Event information be retrieved using WordPress queries and displayed in your page.

The site can be designed to work at **either desktop or mobile** screen sizes. The site must have a working navigation menu that provides easy access to view pages that your group has chosen to implement. The menu may contain other links (including "dummy" menu items), but you team must clearly indicate in your documentation which links your tutor should access for marking.

The site must include **at least one** of the following interactive features:

- A slideshow/carousel to display featured events or sponsor ads/logos.
- A lightbox/modal to display venue maps or event trailers.
- The ability to apply filters to see events with certain selected attributes.

Can I use WordPress plugins to implement site features?

Yes! You can use any plugins from the official WordPress Plugins site (<https://wordpress.org/plugins/>), **except for event management plugins.**

Can I use a pre-made theme, template, or an online website builder such as WiX or SquareSpace?

No! The prototype must be an implementation of your team's design concepts as a WordPress theme.

Can I use generic placeholder text or images in my website?

No! The website should contain real text and media. Where possible, use real content from the client's website, or from the festival program documents provided in the client resources package.

Can I upload the website to an online webhost?

No! As we are using HRAFF content and logos in this assignment, it is important that your site is not publicly accessible online, and that it will not appear in search engine results.

Server and WordPress configuration

Apache/Nginx/MySQL settings

- Server name: **localhost**
- HTTP port: **3157**
- MySQL username: **root**
- MySQL password: **root**

Wordpress installation

- WordPress folder name: **Moodle team name**
- WordPress database name: **Moodle team name**
- WordPress username: **admin**
- WordPress password: **fit3157-2018s2**

Failure to adhere to these configuration settings may result in loss of marks!

Deliverables

Nominate 1 team member to submit 1 ZIP file containing the following:

- **Planning Documentation**
 - 1 PDF file named "documentation.pdf" containing all required sections.
 - Professionally formatted with clear headings.
- **Wordpress site files**
 - An exported SQL backup file of your site's WordPress database (**teamname.sql**)
 - A ZIP file of the entire WordPress installation folder (**teamname.zip**) - *this file must include the site's **wp-content** sub-folder.*

Marking Criteria

- **Planning documentation and references (10 marks)**
- **Design and use of WordPress content structure (5 marks)**
- **Application of visual branding across all page templates (5 marks)**
- **Implementation and architecture of 2 assignment 1 page types (5 marks)**
- **Implementation and architecture of 2 standard Wordpress page types (5 marks)**

Maximum file size: 100MB

Weighting: 30%

Due: Friday Week 14 (02/11/2018) at 5:00pm

Reminder: In-class Presentations

Each team is required to deliver a short presentation during class the week before the assignment is due. Details about in-class presentation requirements have been published on Moodle.