

Task:

In this group assignment, you will work in a team of 3 or 4 people to develop one website using WordPress.

Your site must be designed using your own custom theme (not child theme) that you create based on any appropriate “starter theme”. As described in the presentation details below, your group must come up with and use an appropriate modern collaborative development and deployment workflow for this assignment.

Design:

The site should use the content provided by the client, but you should perform all the usual design steps like information architecture, interface design and information design. Unless specified as a requirement by the client, all design decisions are up to you. Your custom theme design should be appropriate for your goal and target audience.

Content:

Your site should include text, images and video content appropriate for the goal/audience/client.

Submission:

A template submission file, **a2.html**, is provided for you. Complete this with the requested information (including links to your sites and login details) and submit it by uploading it to LearnJCU under Assessment.

Login to GitHub, then create or join your group's GitHub repo using this GitHub Classroom link:

<https://classroom.github.com/group-assignment-invitations/5f6b314288f1a789775131fbd5e917b1>

If you are first to create the GitHub repo, then when asked for your repo name, it should be the same as your Slack group name so that it's easy to find you (e.g. cp3402-2017-team01). This will give you, your team and your lecturer access to your repository without having to worry about adding collaborators. You only need to put your **wp-content** folder under git (don't include core WordPress files). It should be kept up-to-date throughout the project.

Your production and staging sites must be published on a public Web server (or servers), anywhere you like. It is up to you to figure out appropriate hosting. You may like to consider the following options. Note: You are not expected to pay any money for hosting. All of these options have free/student tiers available.

- SiteGround (no group logins available – share login information with your group... not ideal)
- Amazon Web Services (better for group access, setup staging and production using different user accounts to avoid having to pay; consider using the Vagrant setup:
<https://github.com/lindsaymarkward/awswordpress>)
- Google Cloud Platform
- DigitalOcean (free via GitHub Student Pack)

Integrity:

The work you submit for this assignment must be your own. You are allowed to discuss the assignment with other students and get assistance from your peers, but you may not do any part of anyone else's work for them and you may not get anyone else to do any part of your work. Work that is too similar to another group's work or work from an outside source will be dealt with promptly according to University procedures for handling plagiarism. For this assignment, it is acceptable to copy from permitted sources and modify to suit your project, but cite the original source in your documentation (a2.html file).

Due:

Submit your assignment by the date and time specified on LearnJCU.

Submissions received after this date will incur late penalties as described in the subject outline.

Marking Scheme:

Ensure that you follow the processes and guidelines introduced in class to produce high quality work. This rubric provides you with the characteristics of exemplary to very limited work in relation to task criteria.

Criteria	Exemplary (4)	Good (3)	Satisfactory (2)	Limited (1)	Very Limited (0)
Publishing	Site is available in production, staging and local development	Site is available in production and local development, but not staging	Site is available in production and staging, but not local development	Site is only available in local development or production	Site is not available anywhere
Content	Site content is complete and accurate; text and media are all well-integrated	Exhibits aspects of exemplary (left) and satisfactory (right)	Site content is incomplete; not all media are present or not well-integrated	Exhibits aspects of satisfactory (left) and very limited (right)	Minimal or poor site content; not all media are present
Goal-Driven	Goals of the site are clear in the design, and calls-to-action are well used		Design has some goal-orientation, but mostly misses the opportunities to lead users; calls-to-action are not evident		There is no sense of the site design being goal-driven
Information Architecture	Content has been thoughtfully organised to be suitable for site goals; navigation is intuitive		Not all content is well-organised; navigation is not always intuitive		Content placement seems illogical; navigation is difficult
Information Design	Text has been formatted to be suitable for scanning and for site goals; images enhance meaning of text		Some content is well-formatted but not all, e.g. some text needs to be made more scannable; images are not well-used		No evidence of thoughtful information design; content appears to be untreated
Interface Design (custom theme)	Design is professional, consistent, suitable for site goals and audience		Design is not suitable for site goals and audience, obvious inconsistencies across different pages		Poor quality design, not suitable for site goals and audience, or not using custom theme
Theme (worth double)	Theme development is complete; structure and theme follows WordPress standards and guidelines; theme is reusable (no hard-coded content)		Theme development is incomplete; problems with structure or code not following standards and/or guidelines, and/or reusability problems, e.g. hard-coded content		No custom theme developed (including just using a child theme)
Version Control	Version control used properly - multiple commits by all team members, decent messages, no duplicate files in different folders		Version control used but not well, e.g. insufficient commits or limited commit messages or not all team members have committed		Version control not used at all
Project Management and Communication	Use of tools is very good, with evidence of consistent effort and meaningful communication		Use of tools is not good enough, with evidence of inconsistent effort and minimal communication		Project management tools not used at all or not visible to marker

Presentation

With the same group as the development assignment above, present a demonstration and justification of your chosen development and deployment workflow. Your group will research, decide on and use a modern process for collaborative development and deployment considering best-practice issues such as project management, source control, staging and automation. You will use this workflow for developing your WordPress site, then present it and your analysis of it (pros and cons, insights learned) for this assessment item.

In your analysis, you should discuss any other options that you considered or tried and describe why you chose your final process instead. It is ideal if you have tried and tested a variety of options.

Note that you do not need to describe your actual site or talk about design or other issues.

Form:

Every member of your group must participate (roughly equally) in the presentation.

You should present for between **5 and 10 minutes**.

A key part of your presentation is a **live demonstration** of how you can update a site in a local environment, use appropriate source control, and efficiently update the live site. Ideally, this would include both theme code and database content, and include staging as well.

Make sure you prepare a realistic (not “blah blah”) change to demonstrate... and practise it!

Marking Scheme:

Criteria	Exemplary (4)	Good (3)	Satisfactory (2)	Limited (1)	Very Limited (0)
Content	Coverage of topics is appropriate and well balanced. The presentation appears to have a clear audience and goal.	Exhibits aspects of exemplary (left) and satisfactory (right)	Coverage of topics is reasonable but not well balanced. Audience and goal could be clearer.	Exhibits aspects of satisfactory (left) and very limited (right)	Important content is missed. No clear audience and goal.
Visuals and Demonstration	Demonstrations are effective and well planned. Use of visuals enhances the presentation and meaningfully connects with the content being presented.		Demonstrations are passable but not realistic or not well executed. Visuals don't always line up with the talk or the presentation lacks visuals that would enhance it.		Demonstrations are missing or messy. Visuals are poor.
Structure	Students present information in a logical sequence that audience can follow. Strong introduction and conclusion.		Presentation sequence makes it harder for audience to follow than it should be. Introduction and/or conclusion are not strong.		Poor sequence of information means audience cannot understand presentation. Start and finish are very weak.
Group Work	Presentation is shared evenly, each person's part logically flows, contributing to one coherent well-organised presentation.		Presentation is not shared evenly. Each person's part is separate or changeovers are a bit messy.		Not all members contribute and/or sharing is problematic.
Delivery Style <i>Individual mark – per student</i>	Student maintains eye contact with audience, seldom returning to notes. Clear voice and good pronunciation. Audience can hear presentation. Use of voice is dynamic and enhances meaning of presentation.		Some eye contact, reading for much of presentation. Voice is too low or unclear. Tone is not interesting.		Reading for majority of presentation with little to no eye contact. Unclear voice, incorrect pronunciation. Tone is monotonous or uninteresting.