

Website Project Brief

# Details

Each student is required to create a WordPress website. The website must be hosted on an AWS cloud-based LAMP server which you have built. You may use the LAMP sever you created in Labs. The website will be based on an operating system or cloud service, which you must choose, from OS List on the course Moodle page.

# Requirements

Please note all requirements below will be covered in Labs.

* The Website must include a new page for each of the following:
  + Introduction Page – With OS logo, your name, your student ID
  + History of your OS
  + Unique Features
  + Market Statistics
  + Pros and Cons
  + Compliance – Discuss, in detail, how you meet all below items. List and describe all plugins and widgets used and why you used them. Describe in detail any extra effort you made. Use videos and images in your descriptions.
  + Conclusions (Your own personal thoughts on the topic. Do not reference any materials in this section)
  + References (Use Harvard Referencing style)
* **Optional Extras**: Interesting anecdotes, competitor OS’s, public perception of the product/service, anything you think might be interesting or relevant.
* The website must have a domain name. The domain name will be in the form *firstnamecurname*.tk (e.g., danielcregg.tk).
* The webpage itself should look professional. Here are some examples of some [professional looking websites](https://colorlib.com/wp/professional-wordpress-themes/). Try not to be overly verbose, instead use graphs or diagrams to convey information. Incorporate media elements (e.g., interesting images and Online videos). Creating your own content (i.e., videos or screenshots) will be looked upon favourably.
* Choose a WordPress theme that matches their chosen OS. Try and match the font and colour of the official logo of the OS you choose.
* Include at minimum 5 WordPress plugins. They should fit with the flow of the website, assist the display of information and increase the usability of the website. Look for plugins that may be related to your OS of choice.
* Include at minimum 5 WordPress Widgets. They should assist the display of information or increase the usability of the website. Look for widgets that may be related to your OS of choice.
* Website activity must be tracked on a connected analytics server.
* The webpage **MUST** include a “Compliance” page which discusses, in detail, how **ALL** the above requirements have been met. Use videos and images to assist with your explanations. This should be the most detailed page. List and explain all plugins, widgets and stand out additions to your page and elements which took the most effort. Create and embed a short screencast (< 5 minutes) in which you navigate and explain how you built your website.
* The website **MUST** contain a “Conclusions” page. On this page you will discuss your topic (not the project in general), in your own words (i.e. no references), based on the research you have carried out.
* The website **MUST** include a References page and use inline referencing. All references must be in Harvard format.

# Submission Process

1. Verify that you have selected correct topic from the topics list on the Moodle page.
2. Test that your website is accessible on your pc browser. Ask a friend to open your website on their phone using their mobile internet.
3. Create a website backup file using the [All-in-One WP Migration](https://wordpress.org/plugins/all-in-one-wp-migration/) WordPress plugin. Creation of backup files will be discussed in labs and a document detailing the process will be available on the course Moodle page. When initially created, the backup file will be named like so 37.242.234.88-20170411-092507-347.wpress, rename this file to *firstnameSurname.wpress* (e.g., danielCregg.wpress).
4. Create a screencast video (5 mins max) explaining where you directed most of your effort. Talk about the design and content of the website too. Upload this video to Microsoft Stream. Create a share url link to the video. (Share link to video used in next step)
5. Click on the website submission link on the Moodle page. You will then find a box to enter text to accompany your file submission. In the text box please enter your website details in the following format:

**Domain Name:** https://danielcregg.tk

**IP Address:**  https://32.700.149.68

**Stream Link:** https://*URL\_TO\_YOUR\_SCREEN\_CAST*

**Topic:**  Windows 10

**WordPress Link:** http:// danielcregg.tk/wp-admin

**WordPress Username:** admin

**WordPress Password:** *password*

**Matomo Link:** http://danielcregg.tk/matomo

**Matomo Username:** admin

**Matomo Password:**  *password*

1. Now attach your website backup file you created in step 2 above and hit the submit button.