Mandatory Assignment 2: Drupal, and CMS evaluation and comparisons

Group sizes: Individual or Maximum 2 people.
You will have done a lot of this, but not all in the exercises!

This assignment will fall in two parts:

Part A: Creation of a Drupal site for an organisation/club/hobby of your choice with the following functionality:

- An Home page, you decide what to put on it - but "real" content, NOT ipsom lorum
- An About page, you decide what to put on it - but "real" content, NOT ipsom lorum
- An Event page (or similar relevant name) with events. You must have a Custom content type for Events. You should use dynamic views for this. You must enable and use the five-star rating module for events. You must have some content here - at least 3 events.
- An Interview page (or similiar in your project), which must include interviews, where there must be at least a picture, but also the role of the person. For the role of the person YOU MUST use a taxonomy in your content type for the Interview. Again use a dynamic view to create this. You must include at least two "real" content items here - not ipsom lorum.
- A Project page (or similar relevant name for you), created by a dynamic view. Project Content types (custom again) must have a status: completed, in-progres etc etc. When on the front page and ONLY on the front page, you must display the NEWEST COMPLETED project (so ONLY 1 project) in one of the sidebar. Do this using a block.
- A Members page, which must display relevant information (name, role, last logged in etc) of the users of your page. For this purpose you should have created at least 1 user (besides the admin you use). This menu should have access control on it, so that it will ONLY be shown when you are logged in with a user or admin.
- An Event Calendar: You MUST use the Date and Calendar Modules to create an event calendar (so events must have a date field of course) to display to users. Furthermore, there should be an "Upcoming Events" listed in one of the sidebars that will only display future events. You should have at least one event set in december to test this functionality.
- An additional menu item of your choice (a new tab in the main menu) or an extra block in for instance one of the sidebars, that is relevant for your site.
- You should customize the 403 and 404 error messages (see the exercises or videos) in your configuration.

Furthermore, you MUST make use of AT LEAST 3 Extra Drupal Modules on your site, that we DID NOT use in the class (during the lecture, videos and exercises). This will demonstrate your ability to add additional Drupal modules to your site and of course make use of them and you will have to write about these 3 modules (see the report section below).

You can get inspiration about modules from this top drupal list of most [popular modules](#) but of course you can find many many others. Of course try to find relevant modules.
You MUST add in some "real" (mockup) content to your site - I will not accept lorum ipsom - this will fail the handin. By putting in content, it makes the site more "real" and a potential showcase to companies, where you are applying for internships. And do not forget you will most likely be showing this site for the exam also, so always good to make a good impression with a more real looking site.

Part B : CMS Evaluation and comparison.

On the http://www.steptwo.com.au/papers/kmc_evaluate/ you will find an analytical framework/classification of various qualities of CMS systems. On page there they divide the characteristics of CMS systems into 5 categories:

- Content creation
- Content management
- Publishing
- Presentation
- Contract & business

Each of these categories have a lot of sub-points (or sub-categories).
You must use this article and choose 2 of the 5 major categories and in each of these two major categories you must choose at least 3 sub-points. So you will have a total of 6 sub-points (or sub categories). For each of these 6 sub-points or keywords you must now write the evaluation for each of these 6 keywords with regards to **both drupal and umbraco.** You are also allowed to take sub-points from other major categories and then less than 3 in the two chosen, but it might be easier to focus on two sections - **the important things is to have a total of 6 keywords chosen and compare the two CMS in those areas.**

 A lot of the knowledge to answer this you will have gained from working with the two CMS systems, otherwise you must do additional research, if you do not know the answer. So for instance under "Publishing" there is a keyword called "Extensibility". Then you evaluate how Drupal performs in this category and write that, and how Umbraco performs in this category. You are of course allowed to give you own opinion here, but you should of course try to objectively describe how both systems handles this area, before giving your personal opinion! You can also give concrete examples.
I would expect this section to be around 2-4 pages.

You should write your own analysis - if I find you have copy/pasted from the Internet without using proper references you will automatically fail and there will be a formal procedure of cheating

Your solution will judged on the following parameters:
- The amount of implemented functionality in your Drupal Solution that works.
- The content put into the page (no lorum ipsum stuff - this will fail the hand-in!)

- The quality of your CMS evaluation/comparison section.
- The quality of your section on the 3 extra modules and of course the correct use of those modules in the real site.
- The project MUST be online using the aquai cloud or similar. If it is NOT online it will automatically be failed. You MUST be the URL link to the live site on Front of your report for me to easy access it.

Report.

It will be judged as passed or failed. You need to pass this in order to go to the exam.
Hand-in: a report that must include the following :
- Front page with your name on it and the drupal live URL
- Table of Contents.
- Drupal site information (on front page): The URL of your Drupal project which MUST be online using the aquidesktop account to publish it (this was in one of the first exercises). Make sure you have pushed the newest version of the code, database etc to the cloud. **Projects will not be approved if they are not online**. In the report you MUST give your admin login/password and the login/password of at least 1 authenticated user, who is not an administrator.
- The section on CMS evaluation and comparison
- A short section where you describe the taxonomy you used for the interview page.
- A section where you describe the functionality of each of the 3 extra modules you have used and what you have used them for (include screenshots) and give your opinion on the modules. Also describe the purpose and functionality of the extra menu for the Drupal site that you need to add to the project. Put in URL references to the the 3 modules as well (see section below)
- A reference list of any references which you have used in the report.
- Reports must be handed in in either word or pdf format.

Deadline: Thursday 24th of November 2016 at 20:00 Danish Time.