# Assignment 2 - CMS Assignment

## Overview:

This assignment provides students the opportunity to experiment with Content Management Systems (CMS) at a level that best suits their preferences.

This project can be completed in groups of up to three people.

## Purpose:

This assignment will provide students a chance to work with PHP and MySQL to integrate a Content Management System (CMS) into a website.

## Process:

1. **Basic PHP CMS**

Students will be given the source code for a basic CMS including a login process, dashboard, and project management. In class we will walk through setting up this code and connecting it to our database.

Source code is available here:

<https://github.com/codeadamca/php-cms>

YouTube videos walking through the construction of this CMS are available here:

<https://www.youtube.com/watch?v=JO6RB-EDhYI>

1. **Admin Customization**

Based on the topic the group has chosen, students will customize the admin. This could include adding code to manage members, photos, events, etc...

1. **CMS Front End**

With a completed CMS, students will now create a front end for the website. This part of the project will need to incorporate the data from the CMS into the website.

For example, if the CMS includes a project management admin, the frontend could be a portfolio that displays the projects from the CMS.

## Rubric:

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| Category | 1  Incomplete | 3  Approaching | 4  Mastery | 5  Exemplary |
|  | **Shows no or poor level of knowledge** | **Shows moderate level of knowledge** | **Shows proficient level of knowledge** | **Shows excellent level of knowledge** |
| **Backend** | | | | |
| Admin Design | Admin is functional. The code has not been changed from the provided sample. | Larger changes have been made to the provided code. CMS design is custom. | Dashboard is well designed. Validation has been added. | CMS bears little resemblance to the provided source code. Icons have been used. CMS has been branded. |
| Admin Customization | CMS only manages projects and admin accounts as provided by the sample source code. | CMS includes a new CRUD process for photos, members, events, or other topics. | CMS includes the use of foreign keys, media uploading (other than images), use of YouTube IDs (or something similar), or other advanced concepts. | |
| **Frontend** | | | | |
| Design | Frontend website is functional but has very little | Website is well designed. Content and website design is consistent. | Website design is very user friendly, easy to navigate, and everything appears to be functional. | Design is functional on all devices, resolutions, and/or browsers. |
| Content | Content is lorem ipsum. No real content is included. | Three or more pages of content have been included. Website content appears complete. A significant amount of content comes from the CMS. | Content is easy to read. Content and website design are consistent. Forms are well designed and include validation. | Content is functional on all devices, resolutions, and/or browsers. |
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## Submission/Deliverables:

This assignment will require the following

**CMS Backend and Frontend**  
As a group you will submit your CMS. This will include a link to your CMS login page, a working username and password, GitHub Repo link with your source code. Include a link to your working frontend as well, this can be hosted on your choice of hosting provider and should be fully functional and navigable.

## Coding Academic Integrity

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| --- | --- |
| ☑ | Copying sample code from coding documentation such as sample variable definitions, for loops, function definitions, etc… |
| ☒ | Copying a functional block of code. Citations are required. |
| ☑ | Use of coding frameworks and/or libraries.  Permitted libraries/frameworks: WideImage, Font Awesome, CKEditor, Bootstrap |