# CMM007 – Intranet Systems Development Coursework – Part 2

**This coursework is due at  
Part 2: 5pm ~~Friday 27~~~~th~~ ~~April~~ Wednesday 2nd May**

## Introduction

You have been hired as a developer to aid in the creating of web applications within the School of Computing at Robert Gordon University. You have been given a list of possible web applications that could be developed or you also can create your own application that is not in this list. Your job over the course of this semester is to develop a web application.

This submission is worth 75% of your overall project grade. The first submission was worth 25% of the project grade.

## Website implementation

Using the information in the coursework overview document and the previous submission you now need to develop your web application.

* Create the client side code required to show information to users
* Build the server side code to generate the required pages from the backend database
* Ensure the functionality of the site is as listed in the requirements.
* Create and execute a test plan to ensure your site functions as desired

### Additional functionality

You are encouraged to include additional functionality beyond the core functions described in the site overview document. **To be awarded an A grade you must demonstrate an understanding for web application features that are not covered in class**.

### Web Application Constraints

**The constraints listed below are not optional.**

All code **must** be available on GitHub, if you are using a private repository, you must grant access to me (accountID is stewart-massie). It is advised that you use a private repository.

I do not expect you to fill in all the content and you are free to use placeholder text, such as Lorem Ipsum (<http://www.lipsum.com/>) or any appropriate text. Example royalty free images can be found on Flickr (this will be handy for obtaining photos with valid EXIF data). You must ensure there is sufficient content to demonstrate the functionality of your site.

You are encouraged to use third party software libraries in your web application, however these must all be referenced (using comments) inside of your web application

## WHat to Submit

You should submit a single PDF report containing the following information:

* Brief statement of compliance stating:
  + which requirements have been implemented
  + which requirements have not been implemented
* Test plan and test results completed for full application
  + individual test cases should identify
    - purpose of the test
    - expected output
    - actual output
* The URL to your web application
* The link to your GitHub Repository

And a short (less than 3 minutes) video, demonstrating the functionality of your application.

## How you will be assessed

The following aspects will be taken into consideration when marking this report.

|  |  |
| --- | --- |
|  |  |
| Web Application Design | Web application has a slick, professional design |
| Web Application Functionality | Web application has implemented all the functionality that is required from the coursework overview document |
| Web Application Testing | Web application is thoroughly tested with all requirements and security features tested. |