Computing Information Systems *CM1101*

Coursework Overview (Semester 1)

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| Date of Assessment Release | Coursework will be released in the first week of Semester 1 |
| Word Count | Component 1 (Portfolio Website): No word count  Component 2 (Participation in Peer Marking Activity): 200 words  Component 3 (Web Accessibility Review): 1000 word limit |
| Submission Date | Component 1: Friday 8th December at 5pm  Component 2: Thursday 14th December at 9am  Component 3: 5pm Friday 5th January at 5pm |
| Submission Method | All coursework submissions are to submitted via CampusMoodle |
| Number of Copies to be Submitted | Only 1 digital copy of each submission should be made.  No physical copies are required |
| Date for Release of Marks | Marks will be released 2 weeks after the final submission. |
| Date for Release of Feedback | Feedback will be given within 2 weeks of each submission. |
| How Feedback Will be Returned | Feedback will be returned via email and campus moodle |
| Learning Outcomes | This coursework covers all learning outcomes for this module. |
| How Grades are Calculated | Please see the **Module Grading Method** |

It is important for computing professionals to keep an up to date CV website that they can use to promote themselves to the outside community. Academics use these websites as a method of promoting their research work and to gain collaborators, freelance developers use this as a method to promote their own work and to gain new clients.

Additionally, it is vital when developing modern software applications that care and attention should be taken in order to make applications accessible for all. There are many different methods that can be used to accomplish this, with one such method being through accessibility simulation. You are required to produce a 2-page report in this area (further details are given below).

# Coursework Sections Outline

## Development of a Portfolio Website (50% of Module Grade)

The aim of this coursework is to give you an opportunity to create a high-quality website to showcase your skills as a computing professional.

The purpose of this coursework is for you to create your own CV website that can be used to promote yourself as a software developer. The website should consist of the following pages (at a minimum):

* **Home Page** – the landing page where people will first go on your website
* **Project Page** – detailed information about different projects you have been involved in creating (don’t worry if you don’t have any projects just yet, it’s ok to make them up)
* **CV Page** – detailed information relating to your CV
* **Contact Me** – page for users to contact you

You are free to add in additional pages as necessary.

When creating this website, please bear the following criteria in mind:

* You should develop the website yourself, and while it is allowable to use frameworks (such as bootstrap), you should ensure that a large proportion of the website is your own work.
* All code should be hosted on GitHub Pages (see moodle for an introduction sheet for this)
* All code should be clearly commented so that future additions are easy to maintain
* Good coding practice (including separation of concerns) should be apparent throughout

## Peer Marking Activity (25% of Module Grade)

In the Week 12 class, we will be conducting a Peer Marking activity, giving you the chance to assess your classmates work and also to reflect on your own. You will be given 4 websites to examine (3 including your own) and asked to critically reflect on their implementation. You will be expected to give feedback to your peers on the sites that have been created and to also do the same for your own website. Whilst attendance at this class is not compulsory, completing this activity is part of your final module grade and the Peer Assessment activity will only be open on CampusMoodle for a limited amount of time (i.e. 0900 on Tuesday 12th December – 0900 on Thursday 14th December).

## Web Accessibility Review (25% of Module Grade)

During this module, you will be introduced to a model of accessibility that encompasses the following areas:

* Visual Accessibility: Relating to the ability to see content
* Audible Accessibility: Relating to the ability to hear content
* Communication Accessibility: Relating to the ability to absorb content
* Physical Accessibility: Relating to the ability to interact with content
* Cognitive Accessibility: Relating to the ability to understand content

You are to pick one of these areas and carry out a small review of online sources so that you can discuss the challenges that may exist. You should then find a web accessibility plugin for a browser of your choice (Firefox and Chrome have good plugin stores) and carry out a short review of this plugin, linking its features to aspects of your chosen accessibility area. The plugin can either be an assistive aid for users, or a simulator tool for developers.

### Web Accessibility Research

Part of being a student at university is the responsibility to take part in research that is currently happening within the institution. In Computing, one of our key research strands is in Web Accessibility. You are to take part in at least 1 Web Accessibility research project that is taking part in the department and should include a summary of this (100 words) within your web accessibility review, reflecting on the work that is taking place.

# Module Coursework Submission

Below is a summary of the submission components that are required within this module.

## Development of a Portfolio Website

You should submit a link to your website, hosted through GitHub Pages and also a link to the GitHub repository that the code for this is stored within.

## Peer-Review Process

You should review 4 websites (3 classmate websites + your own) through the activity on campusMoodle.

## Web Accessibility Review

You should submit a PDF version of your web accessibility review through the associated link on campusMoodle. This should be no more than 1000 words, and should contain 100 words on your involvement in a research study that is taking place within the school.

# Module Grading Method

Your coursework for this module is made up of several component parts, these are described in the coursework grading grid. Final grades for this CW will be calculated based on the following:

|  |  |  |  |
| --- | --- | --- | --- |
| Final Grade | 50% of components at | 75% of components at | 100% of components at |
| A | A | B or higher | C or higher |
| B | B or higher | C or higher | D or higher |
| C | C or higher | D or higher | E or higher |
| D | D or higher | E or higher | E or higher |
| E | E or higher | F or higher | F or higher |
| F | F or higher | F or higher | F or higher |
| NS | No submissions | | |

For example, to achieve an overall B grade, you will have to have achieved a grade of:

* D or higher in 100% of the coursework components
* C or higher in 75% of the coursework components
* B or higher in 50% of the coursework components