CM2003:

Dynamic Web Applications

Coursework Overview

Assessment for this class is 100% based on assessed coursework. The coursework exercise is divided into three deliverables, each contributing towards the final grade. The three deliverables will be completed within your assigned groups.

The following is a brief outline of the aims and expected deliverables. Please consult the specific requirements document for each deliverable for more information on the task, marks and submission procedure.

### Aim

The aim of the coursework is to develop a web app. Each stage of assessment will relate to the concept, design, implementation of a web app using client-side technologies.

### Deliverable 1 – Concept Report

Within your group you will produce a concept report for a new web app. You will describe the information architecture (context, content and users), specify any external web service dependency, provide wireframes of the interface and describe the intended user experience.

**(20%)**

### Deliverable 2 – Interface Design

Within your group you will further refine the interface design presented in the initial Concept Report. You will then implement a prototype version of this interface using HTML and CSS. This prototype may use placeholders for content from 3rd party web services (e.g. a picture to illustrate where a video would appear).

**(40%)**

### Deliverable 3 – Functional Implementation

Within your group you will implement the functionality of the web app required to support the user interaction and experience described in the Concept Report. The web app should use a combination of JavaScript, JSON and Ajax to facilitate a responsive user interface, and loading of dynamic content from a 3rd party web service.

**(40%)**

### Peer Assessment

Each deliverable will be peer assessed. This will be a weighted scoring system that takes account of your opinion of your efforts and your group members’ efforts to determine your final individual score. Information on how this system works will be included in the expanded deliverable specifications.