



UNIVERSITY OF
LINCOLN

Department of Computing & Informatics

Assessment Package Briefing Document

DOCUMENT STATUS : Subject to Moderation by External Examiners

**Title: CMP1017 Data, Networks & the Web
Web Site Development - Assignment 3**

Indicative Weighting: 70%

Learning Outcomes:

On successful completion of this assessment package a student will have demonstrated competence in the following areas:

- [LO2] apply structured techniques in simple database design and development;
- [LO5] apply structured techniques in web site development;
- [LO6] implement a simple interactive web application, applying appropriate standards and guidelines.

Introduction

For this assignment you are to produce a simple web-site about an organisation, topic or entity of your choice, together with an associated simple database. Suitable examples for this assignment might be a web-site about a band, or about a student club or society. If you have any doubt about the suitability of your chosen topic, you should check with the unit tutor.

The site must contain several (3-6 web pages) providing information and images about your chosen topic, and should offer users an opportunity to sign up to receive further information and regular mailings. A suitably designed data entry form should be provided for this purpose. Data entered by users (probably just name and email address) should be stored in the database.

When users submit data to the database, an email acknowledgment should be sent to them.

What you must produce - software

- a web site containing several web pages, together with a simple database, hosted on your cpanel user account. The site must include
 - well-formed and structured code, written in HTML (ie without the use of web page editors such as FrontPage or Dreamweaver);
 - the code should conform to web standards, and should pass validation
 - appropriate use of Cascading Style Sheets
 - well-designed structure, interface and navigation, incorporating best practice guidelines for usability and access
 - both internal and external links, images and other relevant content
 - a well-designed form for data capture
 - a mySql database to hold the web-site information
 - appropriate server-side processing scripts to deal with the required database functionality

What you must produce – documentation

- full supporting documentation for the web site including
 - source code print-out for all HTML, CSS and other scripts, suitably commented and annotated
 - site map diagram showing full web site navigation
 - site file structure diagram showing all files, folders and their paths/organisation
 - a document giving your database design, with an explanation/rationale for each field
 - a screen print-out of at least one page of your web-site as it appears on the web

Submission Guidelines

The work will be assessed by presentation of the on-line web-site, and by grading of the supporting documentation. A presentation/marking schedule will be published in due course.

This unit is graded using a criterion reference grid. You should be clear in your understanding of the grading principles; if you are not, please seek the advice of the unit co-ordinator.

Hand In Instructions

The deadline for submission of this work will be given on the Departmental Hand-in schedule as presented on the student notice board on the Virtual Campus. The web-site is to be finalised and uploaded, and the supporting paper-work is to be handed in, by the stated deadline. An appropriately completed front sheet must be included with your submission of the supporting documentation for the web-site.

DO NOT include this briefing document with your submission.