Module Title Internet & Open Source Programming
Module Code 6108ENG

Coursework C1 Design of an accessible web application UI
Submission Deadline Friday, 4 November 2011 (GitHub repository will be downloaded at 5pm on this date)
Marks Available: 30% of overall module

You are advised that the School of Engineering, Technology and Maritime Operations operates a zero tolerance approach to late submission of coursework. Any coursework submitted late will be awarded a zero mark unless there are valid mitigating circumstances supported with evidence of the mitigation claimed.

Loss of computer data will not be accepted in mitigation; it is entirely your responsibility to ensure the secure backup of all electronic data.

Please ensure that you submit your work by the deadline date and that you obtain an appropriate receipt.

1. Coursework Brief
You are required to design a web site to manage LJMU staff holiday requests using **only** HTML 4.01 and CSS2.1. The site will initially consist of the following 5 pages:

- homepage / welcome / login (this should be the root of the domain and the first page visitors see)
- assets/index (lists all assets in date order)
- assets/show (an individual asset page)
- assets/edit (edit view of an individual asset)
- assets/new (create a new asset entry)

2. Assessment Details
You are required to design and produce the application using Photshop/GIMP and HTML and CSS respectively. The application should meet the following criteria:

Section 1: Design, HTML & CSS (20%)

- An original and visually appealing design for the website *(note that applications without styling will not receive any marks for the styling component)*
- Fully validated HTML using the W3C markup validation service (http://validator.w3.org/)
- Fully validated CSS2.1 using the W3C CSS validation service (http://jigsaw.w3.org/css-validator/)

Section 2: Basic Functional HTML Website (50%)
The basic HTML and CSS coded application described in the coursework brief and summarised here:

- Allow users to:
  - Input login details (username and password)
  - View a list of staff holiday requests
  - Add and edit an entry
  - View an individual entry
  - Move around the application views using linked navigation

Section 3: Accessible application (30%)
All page content and navigation designed with accessibility in mind, particularly for blind / visually impaired visitors. You should include at a minimum:

1. Alt tags for all images
2. Design for colour blind users (with evidence of having checked it)

3. Access keys

You are **not** allowed to use any javascript/AJAX or any other languages or frameworks other than HTML and CSS for this coursework assignment.

3. Feedback
Feedback will be both verbal and written within 2 weeks of receipt of all courseworks.