# Web and User Interface Design

## Winter 2014

## CA 2 – 30%

### Due Date: 8th December 2014.

**Note:**

This is an individual, elapsed assignment.

**Deliverables:**

1. *A* *User Requirements Document*

This document should follow the User Centred Design Lifecycle discussed in class. Ideally you would research people who use websites like yours. However if this is not possible, you must state how you researched your User Requirements. You are advised to consult the *Design* *Lifecycle* PowerPoint on Moodle or books from the Recommended Reading List for ideas. The requirements should include what your users need in terms of both functionality and usability.

1. *A Design Document*

The document should describe how you propose to implement the users’ requirements for your site. You should point out in this document where you have specifically incorporated good interface design principles as discussed in class, and ***marks will be awarded for this***.

Your discussion should include reference to the following:

1. Fonts, Font Size, Font Weight and Style (Bold, Italics), Font Color specified for all text, on all screens
2. Background colour (white is a colour) or image specified for all pages
3. General description and placement of graphics/images
4. Selection of elements, such as headings, paragraph text, forms etc.
5. Navigation for your site

The screens should adhere to the web design guidelines discussed in class. You are advised to use the PowerPoints on design, on Moodle or a book from the Recommended Reading List as a check-list.

1. *The Website*

The pages must be created using Notepad++. Any use of html editors will result in a score of zero. The pages must be created using html and an external stylesheet. Use of inline or embedded styles or formatting using html will be heavily penalised.

Tables may only be used for numerical data. Any use of table for layout will be heavily penalised and could result in failure.

You are encouraged to use an original layout for the pages. You may use the layouts from the solutions to the labsheets but they will not be awarded the same marks as an original layout. If you copy a design from the Internet (which you may do) and use the code, you must state this in your document and give the url of the site. Failure to do this would be considered plagiarism and would result in a score of zero and possibly disciplinary action.

The website must contain images and both internal and external hyperlinks.

You may use code from the Internet for the JavaScript component of the website as long as you reference it. You must, however, fully understand how the code works and be able to clearly explain it if required.

The website must have a home page and a minimum of three other pages. It must follow what was stated in your design document.

One of the pages must be a ‘Contact Us’ page that allows the user to enter their name, email address and a short comment. The fields should be validated to prevent empty fields being submitted and the email address should be a valid email address. When the user submits a correctly completed form an alert box should display the message, ‘Thank you x for your comment’, where x is the user’s first and last name.

**Marking Scheme**

|  |  |
| --- | --- |
| User Requirements Document | 25% |
| Design Document | 25% |
| Website | 50% |

**Website Topics**

You have been commissioned to design and develop a website for a film. You may choose from one of the following films:

#### Neuromancer

Film director Ridley Scott is making a film version of the cult novel *Neuromancer* by William Gibson. You have been hired to design the website for the film. Mr. Scott has requested that the website design reflect the dystopian environment and Mr. Gibson’s prophetic visions of how technology can be used.

#### War and Peace

Film director Joe Wright is making a film version of the novel *War and Peace* by the great Russian novelist, Tolstoy. You have been hired to design the website for the film. Mr. Wright has requested that the website design reflect the atmosphere and plot of the novel.

#### Persuasion

Film actor and director Emma Thompson is making a film version of the novel *Persuasion* by Jane Austen. You have been hired to design the website for the film. Ms. Thomspon has requested that the website design reflect the atmosphere and plot of the novel.

#### I Know Why the Caged Bird Sings

Film director Ron Howard is making a film version of the book *I Know Why the Caged Bird Sings* by the late Maya Angelou. You have been hired to design the website for the film. Mr. Howard has requested that the website design accurately reflect Ms. Angelou’s life and personal philosophy.