COMP1056 Web Design 2017-2018
Assignment 2: Website

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March 18, 2018 (DRAFT)

**Dates and Handin**

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<thead>
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<th>Mark Contribution</th>
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<tbody>
<tr>
<td>Due Date</td>
<td>Friday 11th May 2018, 16:00</td>
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<tr>
<td>Feedback Due</td>
<td>Friday 8th of June 2018</td>
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- Assessments must be handed in by the due date to ECS Student Services via the electronic hand-in system only ([https://handin.ecs.soton.ac.uk/](https://handin.ecs.soton.ac.uk/)). No hardcopy is required.
- Students’ attention is drawn to the appropriate section of the Course Handbook that discusses the originality of work and academic integrity.

**Aim**

The aim of this assignment is to test the students technical ability to develop a website and their understanding of design issues.

**Objective**

For the website you are free to choose any features you wish. However, as a minimum, the website has to contain the following features:

- The website should consist of multiple pages/views, and include navigation facilities.
- The website should make use of CSS
- The website should contain several dynamic features using JavaScript
- The website should have some functionality that makes use of forms and cookies, e.g. have a room booking facility which remembers several bookings, a doodle-style poll, or remembers some preferences. *Note that, since the website is restricted to client-side scripting (see below), you cannot use a server-side database and therefore the possibilities for multi-user interactions are limited.*
About Page

One of the pages that is accessible through the navigation bar must be an About Page. It should not be the main page, but there should be a link to this page in the navigation bar. The About Page is where you can describe what you have done, emphasizing how it has been implemented and any why. Please make sure that, as a minimum, it explains the following:

- Tools and libraries used, and acknowledgment of any code used from elsewhere (see below for restrictions).
- Technical Website Features: Provide a list of the technical features in the website, focusing on dynamic features using CSS, HTML5 and JavaScript. Briefly explain each feature and the role in the website. Include an explanation of how you use cookies on your website.
- Motivations for design in relation to:
  - Page Layout and Content
  - Site layout, and Navigation
- Explain how you dealt with usability and accessibility issues.

The about page should be written using HTML and integrated with the main website.

Specifications and Restrictions

The following restrictions apply:

- Tools: you can use IDEs or text editors (such as Komodo Edit, Eclipse, Notepad++, Brackets, etc.), but visual editors which automatically generate the majority of the code/html, such as Microsoft Word or Dreamweaver, cannot be used. Check with the module leader if you are unsure.
- The website you develop should be your own creation, and you cannot use entire HTML, CSS files, or JavaScript files from other sources. You can use snippets of code from the slides, websites such as w3schools or Stack Overflow, but this needs to be clearly acknowledged in the About page. You are allowed to use the jQuery and jQuery UI libraries and existing images. If you would like to use any other libraries or files, check with the module leader first and this needs to be clearly acknowledged on the webpage. Failure to do so will be treated as plagiarism with possibly severe consequences.
- You cannot use PHP or other server side scripting. Your webpage should be entirely client-side and run without the need for a server.
• Links to pages, images, external scripts and other files within your website should be relative instead of absolute. For example, use \texttt{href="pages/about.html"} instead of \texttt{href="http://www.ecs.soton.ac.uk/ user/pages/about.html"}.

• Your main page should be named \texttt{index.html}

What to hand in

A single zip file containing all the files and directories for the website should be submitted electronically via \url{http://handin.ecs.soton.ac.uk} before the deadline; see Due Date at the top of the page is accepted. \textit{Note: Late penalties will be applied.}

Marking Scheme

<table>
<thead>
<tr>
<th>Criterion</th>
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<tbody>
<tr>
<td>Technical Features</td>
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<td>Page Layout and Content</td>
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<tr>
<td>Site Layout and Navigation</td>
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<td>Usability and Accessibility</td>
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