

COM109 Individual Assignment – Worth 60% of Module Mark

Deadline: Noon (UK time) Thursday 16th December 2022 with feedback within 20 working days.

Within this assignment you will be asked to create several webpages performing set tasks. Practical classes will be an integral part of the preparation for the assignment submission.

The landing page (**image_map.html**) will consist of an image map in which you have employed CSS3 to link to two pieces of your work: your **web_form.html** and your **key_features.pdf**.

Contact Form - web_form.html

The purpose of this web page is to collect contact details of potential employers who have requested your Curriculum Vitae (CV). You are required to use your knowledge of UX design and apply the principles to develop a suitable HTML5 structure adding the FORM elements you think match the needs for the scenario including appropriate accessibility features and the code necessary for validation of user input. (Intrinsic HTML5 validation must be supplemented with jQuery/JavaScript.)

On submission of contact details to your web form by someone from a company interested in viewing your CV, the web page will supply either a short-form and long-form version of your CV, based on the version they requested. You should also display a table of the company names who have visited the page to-date requesting copies of your CV. The summary table can be a separate page with the filename: `view_CV_requested.html` and can be linked in your `image_map.html` (*it is not expected that the summary table data will be persistent once the browser is closed*). Your webpage should act as a showcase of your interactive web authoring skills to prospective employers.

You should consider carefully what pieces of information you report in the company summary table to account for GDPR requirements.

Key Features Report – key_features.pdf

The Key Features Report should provide a commentary on the code you have developed for your web page. It should highlight and prioritise no more than six features you consider to be most important in the presentation and control of your page and provide a brief commentary on the implementation of each.

The Key Features Report should be developed in Word and the final version printed to PDF format with the filename *key_features.pdf*. The report should conform to the following document structure:

Title – CV Showcase Web Page - Six Key Design Features and their Implementation

Author – Your code, Name and Course

Identification of the six key design features, in order of importance, with justification of your choice. Commentary on the implementation of each chosen key feature should be provided, supported with appropriate code snippets and screenshots. *(500 words maximum, not including code snippets).*

References (in IEEE format)

Three Appendices with titles: HTML, CSS and JavaScript, each with the relevant code are required, appropriately indented, styled using <http://highlight.hohli.com/index.php> and commented.

Submission Criteria

The submission deadline is **Noon (UK time) 16th December 2022**. Your files **must** be submitted to the COM109 module area on CloudCampus by this deadline.

Submission must be named with only your student number.

Assessment Criteria

Structure and presentation of the report – **10%**

Structure, quality and use of **HTML** in selected key features– **30%**

Structure, quality and use of **CSS** in selected key features– **20%**

Structure, quality and use of **client-side coding in jQuery/JavaScript** in selected key features– **40%**