

Cardiff School of Computer Science and Informatics

Coursework Assessment Pro-forma

Module Code: CM1102

Module Title: Web Applications

Lecturer: Martin Caminada

Assessment Title: Website on an aspect of the history of computing and the Internet

Assessment Number: 1

Date Set: Thursday 14th November 2019

Submission Date and Time: Friday 29th November 2019 at 9:30am.

This assignment is worth 15% of the total marks available for this module. The penalty for late or non-submission is an award of zero marks.

Your submission must include the official Coursework Submission Cover sheet, which can be found here:

<https://docs.cs.cf.ac.uk/downloads/coursework/Coversheet.pdf>

Submission Instructions

See below.

Learning Outcomes Assessed

Design, build, and test front-end web pages according to specifications and best practices.

Criteria for assessment

See below.

Feedback and suggestion for future learning

Feedback will be given by the lab assistants during the marking of your work (see below for details). This feedback could also be useful for the second and third piece of coursework of the current module

CM1102 Web Applications
ASSESSED EXERCISE ONE

Website on an aspect of the history of computing and the Internet

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|-----------------|---|
| Date set | Week 7, 15:10 Thursday 14 November 2019 |
| Submission date | Week 9, 09:30 Friday 29 November 2019 |
| Demo date | Week 9, Friday 29 November 2019 lab slots |

This exercise is worth 15% of the total marks available for this module.

Submission Arrangements

Submission:

- Via Learning Central, submit by Week 9, 09:30 Friday 29 November 2019:
 - A single .zip archive that includes the complete source code of your website, with the same structure as needed for deployment on the project server, including all required resources such as images.
 - A plain text file named `readme.txt` that includes: your name, student number, e-mail address, and the URL of the website on the project server. (If your website requires authentication, make sure you also provide the relevant credentials.)
 - The standard COMSC coursework submission coversheet:
<https://docs.cs.cf.ac.uk/downloads/coursework/Coversheet.pdf>

- Upload your website to the submission server by the same deadline (Week 9, 09:30 Friday 29 November 2019). No changes are allowed after this deadline. Do not upload the .zip archive to the submission server — upload the individual files instead!

Uploading your website should be done to websites.cs.cf.ac.uk using the SFTP protocol. Please make sure that you place your entire website in a folder named CM1102/exercise1 which has been created for you. Once you have uploaded your website, you can access it at <http://submission.cs.cf.ac.uk/<yourmailname>>.

Demonstration: During your normal lab slots in Week 9, Friday 29 November 2019, you will need to demonstrate your website to a lab tutor. Demonstrations after the above deadline will not be accepted. The tutors will mark your website according to the criteria shown at the end of this document, and will provide instant feedback. If you have any questions regarding your mark, or if you need additional feedback, please do not hesitate to discuss this with the examiner while in the lab.

The penalty for late or non-submission is an award of zero marks. You are reminded of the need to comply with Cardiff University's Student Guide to Academic Integrity.

Instructions

Using only HTML and CSS, create a website consisting of at least three web pages dedicated to either a person or a technology central to the development of computers or the Internet. If the website is about a particular person, then it should contain separate pages about:

1. Information about the person (e.g. his or her personal background).
2. A discussion about the technological contribution he or she has made.
3. A discussion on why this technological contribution is still relevant today.

If the website is about a technology, then it should contain separate pages about:

1. The functionality it provides: what does it do and what is it for?
2. Some of the relevant technical details.
3. An overview of its history.

The persons you can choose from are: Charles Babbage, Ada Lovelace, Konrad Zuse, Grace Hopper, Richard Stallman and Linus Torvalds. Technologies you can choose from are: Usenet, SSH, Wi-Fi and ADSL.

Each of the web pages should include a navigational menu that allows the user to move to each of the other pages on the website.

Include a table (with at least 2 columns and 3 rows) to provide a historical overview (e.g. year of birth, education, main achievements, and death if your website is about a person; years of main developments if your website is about a technology). Also include a picture, such that clicking on it brings the user to a related external page (for example to a Wikipedia page).

All pages of the website must be subject to CSS styling that is controlled by an external style sheet. The website should be written entirely by hand using only HTML and CSS (that is, you must not use any kind of HTML/CSS code generator).

Criteria for Assessment

Credit will be awarded against the criteria shown in the marking form on the next page. Feedback on your performance will address these criteria and will be instantly given by the marker on the day of the demonstration.

The full two marks for each item will only be awarded if the functionality or content described above is fully present. The examiner will have the discretion to award only one mark for an item if it is partially present or partially working, or, in the case of informative content, if it is minimal. To obtain the full mark for content there should be a clear explanation of the nature of the contribution, aimed at a reader who has little or no prior knowledge of the subject. At least two of the pages should include informative content (at least three reasonable sized paragraphs per page). It should be written entirely or mostly in your own words. References should be listed, and any items of text quoted directly from another source must be placed in quotes and should be clearly acknowledged, with the details of the source.

ASSESSED EXERCISE ONE

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(without the initial letter)

Examiner:
(initials)

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Time:

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Criteria

Marks

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At least three web pages of HTML code

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Navigation with a menu on each page that provides access to each other page

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A table that has at least two columns and three rows, containing information relevant to the website

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An external style sheet that includes rules that at least set the font family, size and colour of text

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Informative content about a key person or a technology, including a clickable picture

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TOTAL

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To streamline the demo: Please fill in your details at the top of the marking form prior to the demonstration. The examiners will fill in the marks in this form and collect it from you.

