IS5103 — WEB TECHNOLOGIES

IS5103 ASSIGNMENT 1

Deadline: Tuesday the 1st November 2022 at 21:00

Weighting: 50% of coursework grade (30% of the module)

MMS Slot: IS5103 Coursework > A1

You are expected to have read and understood all the information in this specification and any accompanying documents at least a week before the deadline. You must contact the lecturer regarding any queries well in advance of the deadline. MMS is the definitive source for deadline and credit details.

AIMS

The aims of this assignment are to

- Research a topic in depth and relate it to web standards, technologies and practices.

- Critically engage with available literature and resources, extracting key points, summarising and drawing conclusions from them

REQUIREMENTS

This assignment involves researching web standards, technologies, and practices, and writing an essay to refute or support the following statement:

"Front-end developers must give up on rich, interactive, and accessible features if they want to develop eco-friendly websites."

Within the essay you should demonstrate and understanding of:

- Web standards and the standardisation process.

- Web accessibility.

- Front-end web technologies and practices.

- The impact that web standards, technologies and practices have on sustainability.

The focus of the essay should be on *front-end* standards, technologies and practices, and in particular HTML and CSS. You may include some discussion of back-end and deployment issues but these should be discussed in the context of the impact *front-end* designers and developers can have on them.

In your essay you should commit to a position, which is clearly stated in both the introduction and conclusion of your essay. When stating your position you should also clearly state any caveats or conditions that apply to it.

The main body of your essay should comprise the arguments to support your position. You will need to introduce the main issues and relate them to your argument. Your essay must contain reference to literature and web resources where appropriate. You should show evidence of critical engagement with the sources, including highlighting the quality/reliability or any bias within them.

The essay should have a clear and logical structure, be of appropriate length, and include little to no irrelevant material.

A reading list to get you started is avi>lable on student resources. You should also identify and use additional or alternative sources to support your arguments.

DELIVERABLES

Hand in a single document in PDF format containing your essay via MMS, by the deadline.

WORD COUNT

This essay has an advisory limit of 3000 words. No automatic penalties will be applied if you are over or under this limit, however, it is indicative of the level of detail required.

MARKING SCHEME

See the standard mark descriptors in the School Student Handbook.

LATENESS PENALTIES

The standard penalty for late submission applies (Scheme B: 1 mark per 8 hour period, or part thereof).

GOOD ACADEMIC PRACTICE

The University policy on Good Academic Practice applies as usual. All work submitted must be exclusively your own, except where explicitly acknowledged.

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