UNIVERSITY OF ST ANDREWS   School of Computer Science   SESSION 2018/19

IS5103 Assignment2: (Responsive Guide)
This assignment is worth 30% of your overall module grade.

Due Date: Wednesday 28th November 2018   **Time: 21:00**

Objectives

The assignment is intended to enable you to demonstrate that:

- You are able to work in a group.

- You can create and test responsive techniques.

- You can define evaluation criteria.

- You are able to use and evaluate popular frameworks.

Description

This group assignment is to produce a guide to "selecting a responsive framework". You will create a small responsive web site (sample files provided in assignment2-files.zip) using 3 different responsive frameworks. The sites you create will help you to evaluate the frameworks using comparison criteria agreed within your group.

Choose two frameworks from the following options: Bootstrap (http://getbootstrap.com/), Milligram (https://milligram.io/), Pure (https://purecss.io/), W3.CSS (https://www.w3schools.com/w3css/) and a third additional framework selected by your group.

There will be scheduled group work during Tuesday sessions to allow Q&A with me and to encourage group participation during module time.

> *If you have any serious reasons as to why you should NOT be in the same group as someone else in the class, please contact our Equality Officer - welfare-equality-cs@st-andrews.ac.uk - as soon as possible.*

Framework Guide

The guide in **pdf** format (an example table of contents is displayed on the next page) in the region of 4000 words (an advisory word limit) should

- Describe the criteria used when evaluating the frameworks.

- Make use of the sites that your group created within each framework to illustrate your guide.

- Each individual should complete a group work contribution sheet (available in the assignment 2 folder within student resources).

A Guide to Responsive Web Frameworks

Fig1: Sample report structure for guidance only

Submitting your Assignment

Each student should upload the guide, associated practical files, and their group work contribution sheet to the assignment 2 slot on MMS.

Lateness

The standard penalty for late submission applies (Scheme B: 1 mark per 8 hour period, or part thereof):
http://info.cs.st-andrews.ac.uk/student-handbook/learning-teaching/assessment.html#lateness-penalties

Good Academic Practice

The University policy on Good Academic Practice applies:
https://www.st-andrews.ac.uk/students/rules/academicpractice/

Marking Guidance

See the School Handbook for general marking guidance. https://info.cs.st-andrews.ac.uk/student-handbook/learning-teaching/feedback.html. Assignment specific guidance exists below.

(Pass) Evidence of a good attempt however, the practical components have proved difficult to implement consistently. The guide documents parts of the process well and includes some techniques, but parts lack cohesion, detail, critical analysis or depth of understanding.

(Merit) Evidence of a very good attempt. Sufficient and appropriate techniques and criteria have been used to critically evaluate each framework. Background planning is evident. The guide demonstrates solid group work, a methodical approach; applicable criteria and an appropriate guide have been produced.

(Distinction) All criteria met in full. Responsive techniques have been fully explored. Original evaluation criteria exists. The document is very clear, well presented and demonstrates an excellent grasp of the entire process. The guide is highly relevant and usable when selecting a responsive framework. Successful group work is demonstrated through preparatory research. The results demonstrate insight and discovery.