Assessment Brief

1. Module number	SET11105
2. Module title	Programming for the Web
3. Module leader	Dr Zakwan Jaroucheh
4. Tutor with responsibility for this Assessment Student's first point of contact	Dr Zakwan Jaroucheh
5. Assessment	Practical Assessment
6. Weighting	25% of module assessment
7. Size for assessment	Approx 15 hours
8. Deadline of submission	Your attention is drawn to the penalties for late submissions Demonstration: **Mon 24th Feb 11:00 in JKCC_CLUSTER_01**
9. Arrangements for submission	This coursework is assessed via demonstration to be taken in class time. There is no need to submit anything for this coursework. You are advised to keep your own copy of the assessment.
10. Assessment Regulations	All assessments are subject to the University Regulations.
11. The requirements for the assessment	This coursework is based on the taught academic content of the module (LOs 1 and 3). Students are required to implement the front-end of a website meeting the attached specification.
12. Special instructions	N/A
13. Return of work and feedback	Immediate feedback will be given on the day of demonstration, as well as an indicative mark for the demonstration criteria.
14. Assessment criteria	The in-class demonstration will be marked against the criteria outlined in Appendix B, including a few questions on the underlying code or concepts.

Coursework 1

This coursework refers to the first part (the front-end) of a larger Web App meeting the requirements outlines in the following scenario. You should do this coursework using HTML5, Bootstrap and jQuery.

Scenario – Vote with Your Wallet

You are approached by an enthusiastic friend looking to create a Web App enabling people to publicly express their objection to creative tax avoidance, unfair employment practices, racism, disregard of environmental impact and other unethical business and political practices. The idea is that users will be able to add their signatures under a cause, which can be created by other members, supporting with the cause and pledging not to do business or otherwise deal with the misbehaving entity highlighted in the cause.

Although you like this idea, and you can foresee it getting some traction, you also know that there is no way you're going to be paid for this work, so you agree to undertake it for free, thinking that you'll at least gain some experience and reputation. However, you're hoping that it won't take that much of your time to produce something that is usable and looks cool.

In the next meeting, the friend explains a number of features wanted for the website, which you have ranked in increasing order of the perceived difficulty as follows:

- Ability to create Member accounts
- Members can create new Causes
- Ability to electronically sign under Causes using a Member account
- There is a special "Admin" account which can delete Causes
- A list of names who have signed a Cause should be visible to anyone
- A counter of how many people have signed a Cause should be visible to anyone
- The website must be usable from an Internet-capable mobile phone
- Ability to see signature counts and actual new signatures as they happen
- Ability to share causes in social media like Facebook, Twitter, Reddit *etc*
- Your friend says "It would be great if the Web App was actually a Smartphone App"

In turn, you explain that you'll be using HTML5, jQuery, Bootstrap, ASP.NET MVC and a Database and you both agree that you should begin by making the Web App, starting with the user interface and then the server-side code.

Coursework tasks

For this coursework, you're required to:
1. Make a user interface to facilitate the scenario
2. Implement most (but not necessarily all) the user interface elements needed to facilitate the features using **HTML5, Bootstrap** and **jQuery**
3. To get higher marks, you must implement enough features to use all the technologies described above – not using a technology results in no marks for that technology
4. Look at the marking schedule detailing the evaluation criteria. Ensure you are meeting these, within the context of the scenario.
5. Be sure to attend the demonstration!
6. There is nothing to submit

Marking schedule

See the marking sheet on next page.

MARKING SHEET TO BE FILLED IN DURING THE DEMONSTRATION

NAME_____ MATRIC _____

This section marks the student's work against the spec. Each element below is marked as follows:

Criterion not met/Question not answered:	0 marks
Criterion partially met /Question not answered well:	1 mark
Criterion met very well/Question answered well:	2 marks

No	Item	Mark (0,1,2)
1	Use of HTML5, e.g.: • Structure of HTML5 tags is readable and simple • Correct positioning • No in-line CSS or JS	
2	Use of Bootstrap, e.g.: • Competent use of bootstrap features • No overriding with own CSS without good reason	
3	Use of jQuery – e.g.: • There is significant jQuery code • Code is reasonably complex • Code is well-written with comments and structure	
4	Question on HTML5	
5	Question on Bootstrap	
6	Question on jQuery	

Maximum of 12 marks are available.

Marker's Notes

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