ASSESSMENT BRIEF

Learner Details

Module Unit		~~WE31~~WE4 A_MWA	Module		Mobile Web Applications
Title/s		Mobile jQuery	Lecturer		Daniel Griffin
Date Issued		As Per Submit Point	Submission Date		As Per Submit Point

Brief:

Build a "List App" mobile web application based on Mobile jQuery.

You will be using the Mobile jQuery library to build a list style mobile web app. Your list will be generated from a JSON file that you will need to source from the web or hand code. Suggestions on useful free online data sources will be offered throughout the course. Your approach should be modular enough that replacing the JSON with similarly formed data will still allow the code to function (i.e. assuming the data has a defined structure).

Learning Outcome:

1. Understand how to organize client side file sets and incorporate third part libraries.
2. Understand how to include files into your app.
3. Become familiar with UX considerations.
4. Work with JSON data.
5. Recognize and implement best practices for Mobile platform development.

Instructions:

You can make your site/app about anything that interests you. For example, you might want to do a movie reviews app, a restaurant picker, a video jukebox, etc.

The app should incorporate the following features.
1. Based on Mobile jQuery
2. Present the user with an input box to filter the full list

NFQ Level   : Level 7

Course Name : WebElevate 4.0.

3. Use your own customized theme (ThemeRoller is fine but feel free to do something yourself if you prefer)

4. Customize some of the default components, e.g. buttons, etc.

5. Clicking on any list item (regardless of whether it is in the full or the filtered list) should use some page transition to present a "page" with extra content specific to that item.

6. Use only one single HTML file for the main content and functionality

7. Assume that your app could be wired up to some server side data feed, but build it using mockup client side content (i.e. clearly indicate in your comments the portions of the code that you think should be dynamic if the app were using live data.

8. A collapsible side panel with some info about your app. e.g. usage instructions or something similar.

Additional Notes:

Files should be order in a sensible hierarchy and zipped together into a single file for submission. The submission file should be named as follows:

YourFirstname_YourFamilyname_WE31_MWA_1.zip

All code files should contain the following header:

<!--

* Author: yourname

* Assignment: ~~WE3~~WE4.0 Mobile Web Applications, Digital Skills Academy

* Date : YYYY/MM/DD

* Ref: website link to code referenced or the book, authors name and page number

-->

Reused Code (eg javascript, jQuery) should be indicated by inline comments as follows where they are only a segment of code within a file, if the full file then provide the same information in the header comments

ASSESSMENT BRIEF

NFQ Level   : Level 7
Course Name : WebElevate 4.0.


```
//Code reuse

// Ref: http://www.site.com/page#ref

// Ref: Book Title, Author, Publisher, Edition, page number

/ Ref: Code provided by lab assistant: name or fellow participant: name
```

Caution:

- Deferral of assessment can only be made under exceptional circumstances and by applying directly to the Quality Assurance Manager (assessment@webelevate.ie) and completing a Personal Circumstances form (obtained from Moodle) with details in the participant handbook section 4.2. These must be **received and agreed in advance of the submission date** or work will be deemed as not received.

- Re-check and re-mark procedures are also outlined in the participant handbook, sections 4.3 and 4.4 (with forms obtained from Moodle).

- DSA policy on plagiarism and collusion are detailed in the participant handbook, sections 4.6 and 4.7.

ASSESSMENT BRIEF

NFQ Level   : Level 7

Course Name : WebElevate 4.0.

- There is a two week period after results are submitted, for any more general enquiries on assessment results, after which quality assurance queries **will not be considered.**

- Submissions must **strictly adhere to the instructions** on the Assessment Brief, including the **correct format for digital submissions.**

- Participants must sign off when handing in work.

- Participants are responsible for testing that uploaded content files can be downloaded properly before submitting.

Grading:		
Evidence	**Total %**	**% for this Assignment towards overall**

ASSESSMENT BRIEF

NFQ Level   :   Level 7
Course Name   :   WebElevate 4.0.

		Grade
No submission	0	30%
Good markup demonstrating the basic set of programming features and disciplines required for the assignment	1 – 10	
Well formed markup demonstrating most of the features and disciplines required by the assignment	11 – 20	
Working code and well formed markup demonstrating ALL of the features and disciplines required by the assignment, whilst also demonstrating independent research, critical thinking and a deep understanding of the programming process. Eg. Error handling, design considerations, etc.	21 – 30	