DMIT2503 – Advanced Web Concepts
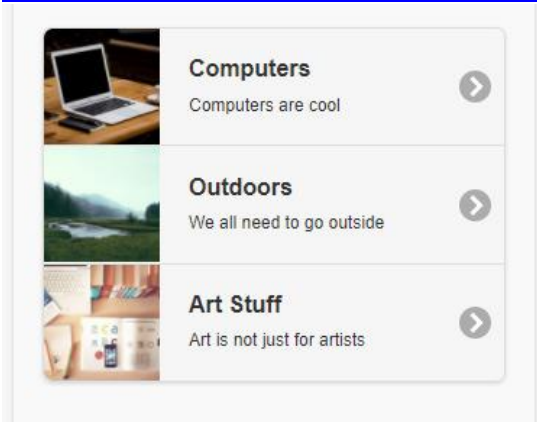
jQuery (or other) Mobile Framework

Overview: Based on the lessons in jQuery Mobile, please create a simple mobile site using any client site, personal site, or portfolio as your content.
If you would prefer to learn and use another Mobile UI framework instead (example: Mobile Angular UI, Onsen UI), you may, but please clear it with the instructor first.
Responsive frameworks such as Bootstrap or Material CSS are not valid for this lab.

10 marks: Worth 10% of final mark.

- 4 or more pages.
- Lorem Ipsum or dummy content is not acceptable: If you want to take a client site, but do not have client approval or their site has too much content, then simply do a test site for marks only, and edit the content as you see fit.
    - If you want a challenge, feel free to use an app we built in DMIT2025 such as the Contacts Database or Gallery. Output only would be acceptable for this assignment. There would still have to be the same deliverables mentioned below (listview, form).
- Any navigation structure you like that works with the content.
- Integrate at least 3 images in some sort of listview gallery.
    - Could use screenshots of projects for a portfolio.
    - You must make the images the same size and square.
    - These do not have to be linked to anything in this lab although that is the real purpose of the listview.
    - http://demos.jquerymobile.com/1.4.5/listview/

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- Research and integrate some type of form. It doesn't have to functional, but demonstrates the GUI of a functional form.
    - A Contact Mail form would be perfect.
- Research how to utilize headers and footers to include meaningful links and icons.
- Research and integrate something cool you researched and figured out yourself in jQuery Mobile.

Marks:

- Basic site: [5 marks]
    - An actual functional mobile website has been created.
    - A good navigation structure is used.
    - Content is real. All content is formatted well. Paragraphs, headings, lists, images, etc.
    - Branding is present but not taking much screen space away from content.
    - Icons used for navigation, contact, web links, social media, etc.
- Image integration using listview: [1 mark]
- Form integration: [1 mark]
- Header/footer utilized with links/icons. [1 mark]
- Something(s) cool you figured out yourself: [2 marks]
    - http://demos.jquerymobile.com/1.4.5/
    - If you're not sure about a feature, please ask the instructor before submitting the assignment.
    - Example: Utilizing the panel widget to accommodate many nav links.
- If you're using another Mobile UI (Angular Mobile UI, Onsen UI, etc.), credit may be given for other features not listed here. Please discuss with instructor during lab time.