**Project Assignment 2 – Main Project:**

Design an Android application that is based either on any of the following:

* Builds on the existing project you did for assignment 1 – but only if it makes sense
* Is a completely new concept

The Android application is actually written completely using the following technologies

* HTML
* JavaScript
* CSS

A tool such as PhoneGap must be used to convert the application into a deployable .apk package

**Design**

* A “whiteboard” diagram of the system
* Have a prototype
* Pseudo-code for each possible interaction for each screen
* Database schema
* Presentation

**(20 %)**

**Implementation**

* Must be written completely by hand (and obviously not copied from elsewhere)
* Must be a meaningful app
* Must be pleasing to the eye (may have to make use of images etc)
* Some usage of HTML5 would be desirable
* Extensive use of JQuery would be desirable
* Has multiple screens, and a means of being able to navigate from one web page to the other
* Extensive use of cascading style sheets
* Event handling using at least two different types of events
* Extensive use of JavaScript for client side logic in all screens
* Some interaction with a database

**(40 %)**

You must send the .apk package and associated design documentation to [bs.stack@staff.ittralee.ie](mailto:bs.stack@staff.ittralee.ie) no later than 5pm on Thursday 1st May. Each day late will be an automatic 20% reduction in marks.