Due: Dec. 5 @ 12:00 pm. (noon)

Scope

The project is to be completed by a team of two students. If there are an odd number of students in the course, consideration will be given to having a team of 3, but the project is not to be an individual project.

The project is to be a complete deployable mobile app consistent with the proposal submitted in October with consideration of the feedback provided. It should be suitable for distribution via the appropriate marketplace.

Platform

The project may be developed for any mobile platform—Android, iOS, Windows mobile/8, Blackberry. If the target platform is not Android, the students must have access to the appropriate resources as we do not have support for development for other platforms in our labs. There are two Dell Streaks that can be used for demonstration of deployment, however for any other platform; students will have to be able to access a target device to demonstrate deployability.

If the target platform is not Android, the scope of the project need not be as ambitious since students will have to investigate development for other platforms on their own and limited support will be available from course staff.

APIs

The project must include the use of at least one advanced API that is not covered in the lectures of the course, such as Location-based Services, Multimedia, Telephony, 3D- Graphics or optional hardware. If the platform is not Android, at least one advanced API should be used, but the need to research the framework for another platform will be taken into consideration.

Demonstration

Project demonstrations will be 15 minute slots on Monday, Dec 9, 9:30-11:30 & 1:30 to 3:30.

Each team will be required to demonstrate the functionality of the project app to the Instructor and TA. The team is responsible for providing the demonstration hardware and should have the app ready to run by the time of the demonstration. The Dell Streaks can be reserved for the demonstrations if necessary.

This is not a formal presentation and does not require any preparation or additional materials. The team should demonstrate a number of use cases and allow the Instructor and TA to try out the app. The goal is just to determine what the app can do and how well it does it.
**Project Submission**

The project submission should include:

1. copy of the original project proposal with feedback
2. printed code for all classes in the project
3. electronic version of all code (preferably as an Android Studio Project) (include on a DVD, flash drive or similar, which will be returned)
4. references to any non-standard libraries used (i.e. not part of standard Android SDK release)
5. sufficient user documentation to allow someone to get started (as a document or in-line Help)

As usual, the proposal submission should include a completed group coversheet ([http://www.cosc.brocku.ca/forms/teamcover](http://www.cosc.brocku.ca/forms/teamcover)). The submission should be made to the COSC 3V97 submission box outside J328 in accordance the above guidelines and not in violation of the regulations on academic conduct ([http://www.brocku.ca/webcal/2012/undergrad/areg.html#sec68](http://www.brocku.ca/webcal/2012/undergrad/areg.html#sec68), [http://www.cosc.brocku.ca/about/policies/plagiarism](http://www.cosc.brocku.ca/about/policies/plagiarism)).

**Note:** Submissions not including a signed coversheet will **not** be marked.