

COSC 3V97 Project Proposal

Fall 2013/14

Due: Oct. 21 @ 10:00 am.

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 suitable for distribution via the appropriate marketplace. It may be entertainment, a utility, an information resource or other concept. It does not have to be unique, similar apps may already exist.

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.

Seminar

Each team will be required to present a seminar during the last two weeks of lectures. The seminar is to be an instructional presentation to the class regarding the use of the advanced API used in the project. It is not a description of how the project uses the API, but rather a description of how the API works and the requirements to use it. Of course, the actual usage in the project may be presented as an example.

The API being presented does not have to be unique since more than one team may make use of the same advanced API.

More details on the Seminar will be provided at a later date.

Demonstration

Each team will be required to demonstrate the functioning project app to the Instructor and TA at a time to be scheduled and after the submission date for the project. Unless the Dell Streaks are used for demonstration, the team must provide the demonstration hardware.

Project Proposal Submission

The project proposal should be a document of from two to six pages presenting the following information:

1. app title (working title)
2. team members names and student numbers
3. app description (short form)
4. target platform (including optional hardware requirements)
5. advanced API (s) to be used
6. detailed app description including purpose, target audience, UI mockups, control flow, how the advanced APIs will be used and other information required to determine the scope of the project and its feasibility.

As usual, the proposal submission should include a completed group coversheet (<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/undergrad/areg.html#sec68>, <http://www.cosc.brocku.ca/about/policies/plagiarism>).

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