PROG 39420 : Final Project Requirements

- The project will be the creation of an Android app of your choice.
- Must be done on Groups of 2.
- Your Android App Idea MUST be approved by the Instructor.
- Can (and should) be aligned with your Capstone project.
- Must have a professional Look-and-Feel to the application
- Must demonstrate an advanced understanding of at least three (3) of the following:
    - Support of multiple screen sizes/densities.
    - Use of non-static Fragments
    - Multi-threading using the AsyncTask and/or IntentService classes
    - Using local storage capabilities including BOTH SharedPreferences and SQLite databases
    - Using networking with a web service (i.e. FaceBook, Twitter, Instagram, etc.)
    - Using Multi-media (Camera, Video, Sound, etc.)
    - Location Based Services and/or other phone sensors
    - Advanced graphics/animations in Android (i.e. a game!)
    - Using the Support Library
    - Using Google Play service

Submit a detailed Project Plan which defines what you plan to build for your final project no later than week 8 on the class's instruction plan.

Use Git's private repositories to check in your work and collaborate online.

We will be using an Agile – SCRUM based development methodology of 3 2-week Sprints in order to complete the development of this project.

 Individual and Team status reports would be required every sprint.

 Additionally, Sprint planning and retrospection would happen during class every sprint and a weekly stan up would happen every class.