Project Overview and Preliminary UI Design

For the course project, you will be developing an App that runs in the Android Framework. You may work individually, or in a group of up to 3 students. Larger groups need pre-approval. It would be expected that apps that are developed by a group would be proportionally more complex and feature rich than apps developed by an individual.

If you are developing an App as an individual, you app must contain the following at a minimum:
- At least 3 activities
- Some code on a thread other than UI thread. Note that all long running methods must not run on the UI thread.
- A toast or Snackbar notification
- A confirmation dialog
- The use of an SQLite DB or Room DB to store persistent data
- Appropriate management of the activity lifecycle, including code that persists data using Bundles, and code to interrupt long running processes on a background thread, as appropriate
- At least one advanced feature not listed here per person in the group (i.e. for an individual one advanced feature, for a group of two, two advanced features, etc.). Advanced features could include network connectivity; remote database; Bluetooth; a third party API, e.g. the Facebook API; use of the Google Maps API; localization services; multimedia; etc.

The deliverables for next week include the following:

- The working name for your app

- Your group members

- A 2-paragraph project proposal that describes the app

- A tentative list of advanced feature(s) that you plan to include.

- Initial versions of the layouts for the activities in your app. These should be generated by using the Layout Editor in Android. These can be refined later, but I would like you to create initial versions for next week.