

## CPSC 6138 Assignment 5 Summer 2018

### Design Explanations

Student: Lu Lin

For this project – Geotagging Note App, I employ multiple activities which include:

- a. **Main activity (can be viewed as menu activity) with two options:**
  - a. Enter a new not (**New note activity**) or
  - b. View a map of notes (**Note map activity**)
- b. **New note activity:**
  - a. User can fill in subject (Title) and content (Entry) and click “SAVE” button to add the new note into the db.
  - b. User don’t have to input others because this app can obtain current Latitude, Longitude and Localization Method automatically, and record them in the db.
- c. **Note Map activity** that displays locations of notes tagged on the map.
- d. **Note activity:** a fragment layout of all notes with markers on the map.
  - a. User can click a not with a marker on the map to view details (**Note activity**).
  - b. A note that is opened to view details include its Title, Entry, Latitude, Longitude, and Localization Method (**Note activity**).

The corresponding classes are:

- a. activity\_main.xml & MainActivity.java
- b. activity\_new\_note.xml & NewNoteActivity.java
- c. activity\_note\_map.xml & NoteMapActivity.java
- d. activity\_note.xml & NoteActivity.java