Library Dependencies:

- 'com.lyft:lyft-android-sdk:1.0.3' : Lyft SDK
- 'com.google.android.gms:play-services-maps:10.0.1' : Google API
- "com.google.android.gms:play-services-location:10.0.1" : Google API
- 'com.uber.sdk:rides-android:0.5.3' : Uber SDK

Build Instructions

After cloning from GitHub, open MyApplicationTwo. Android Studio should be able to build and run the project (Be sure to insert your own API keys)

Notable Functions/Methods/Classes

- Lab Class – Center hub of communication between fragments. Due to the UI layout, there must be a static class to contain relevant data, in order for all fragments to function and contain identical data. This allows a search to be done in any fragment and have other fragments retrieve the same data, saving resources and provided consistency
- SearchTask – AsynTask that retrieves data from yelp. Needed within the fragment to update the ui upon the material is retrieved
- Floating Context Menu – Contains all the core functionality of the app, filters, refresh and location check

Incomplete Items

- Favorites – Simply Does not Exist
- History – Missing Core functionality (Notes)
- Save State
- Reload/refresh – app requires user to refresh location manually

Notes

- Floating context menu is difficult to call from the drawer menu. This caused numerous setbacks in building a ui that provides the user with ease of use.

Notes on the Future

- Facebook API may have been a better option, the image options are limited, and events information is inconsistent.
- Replace Drawer Menu with a layout (its own fragment or activity)
- Add in the ability to associate pictures taken with location letting you see photos you took at a venue when visiting the page
- Add in more events data (ie Ticketmaster)
- Create events, or reminders. (use case would be to plan out all the concerts you want to go to in the next few months.

Website: csc412sfsu.com/~dhanover/nytlyf