Ski-buddy Second Iteration Report

Group Members: Yue Yu, Wei Hu, Tengyuan Ye, Yisi Xu

Code Repo: https://github.com/cis-upenn/22-Ski-Buddy
JIRA: http://jira.cis350.sachabest.com/browse/SB

User stories
User stories Completed in second iteration:
- User story #1 (SB-27):
  - Users can view the most recent pictures uploaded for the selected mountain and they can also upload a picture of current mountain view to the server, by the way, user can also take photo they like
- User story #2:
  - Users can enlarge the mountain view by gestures and make pictures easier to see.
- User story #3 (SB-14, SB-20):
  - Users can set the background color of the app as well as describing their feelings through the setting menu
- User story #4:
  - Users can log out when they have already log in
- User story #5 (SB-16):
  - Users can see the distance between he/she and his/her friends
- User story #6
  - Users can register or login with their Facebook Account
- User story #7
  - Users can share their pictures and how they feel in Mountain View

Unfinished user stories:
- User story #-1: As a user, I should be able to see a list of ski trails, sorted by how close they are to my location

Task Assignment:
Assignee: **Yue Yu**
- Task 1: SB-21 (User story #6)
  - Establish the environment so that Facebook API can be added towards the project
    - Register Sky-Buddy Android Application under my Facebook Dev account, change settings in AndroidManifest.xml, buildGradle in app and module as well as add values in value | string.xml so that Sky-Buddy Application can reach Facebook server to access for the sdk.
- Tase 2: SB-21 (User story #6)

- ○ Register or login via Facebook on MainActivity
    - ■ Use the Facebook Login API so that users can directly register or login user the Facebook login button. Login information will be stored in Yue Yu's Parse account. If currect user exists, then they will just login. Otherwise, system will register for them.
- ● Task 3: SB-26 (User story #7)
    - ○ Share photo and feeling on MountainView or MountainCondition Activity
        - ■ By clicking share, users are able to share the photo they select and post their feelings via Facebook API.

Assignee: **Wei Hu**
- ● Task1: SB-25 (User story #1)
    - ○ Users can open Gallery/Photos to update image to Parse Server
        - ■ Each user can upload picutres of current mountain view to the parse server after click the "Mountain View" Button in the main view, and there should be a select image button, upload image button and a clear button for doing that.
- ● Task2: SB-29 (User story #1)
    - ○ Display the most recent pictures for a selected mountain
        - ■ Reached by selecting the "Mountain Views" button on the main screen, users can see the most recent pictures for selected mountain. There is also a refresh button for updating the pictures.
- ● Task3: SB-28 (User story #1)
    - ○ Create a grid view adapter to hold all the pictures and pictures can be expanded when clicked
        - ■ Each grid item should have the attribute Bitmap and description. Create a grid view adapter to hold all the pictures. The pictures for a selected mountain are updated by the adapter. Also when user click a single image, it can be expanded.

Assignee: **Tengyuan Ye**
- ● Task1: SB-23(User story #1)
    - ○ Users can log out after they log in.
        - ■ When user has logged in, he/she cannot log out in the last version of code. Now, when click the button "Sign out" in the main view, users can log out of the application.
- ● Task2: SB-22(User story #2)
    - ○ User can take photo and add the photo to Gallery
        - ■ Reached by selecting the "Mountain Views" button on the main screen, then click the "Pho" button, user can take his favoriate pictures.
- ● Task3: SB-24(User story #4)
    - ○ The mountain view can zoom in and zoom out
        - ■ In the last version of code, the mountain pictures appear on the main view cannot change size. Thus uses can not notice the detail of the trail

sometimes. Now, users can drag the picture and zoom in and out the picture.

Assignee: **Yisi Xu**
- Task1: SB-16 (User story #5)
  - Users can see the distances from their friends to them in kilometers
    - The distance is displayed along side the user name of a friend
    - This information is calculated by the last recorded user location
- Task2: SB-14 (User story #3)
  - A setting menu can be opened in every activity throughout the app, in which preferences of this app can be set
  - The value of the preferences user picked can be obtained by a SharedPreferences object throughout the app
- Task3: SB-20 (User story #3)
  - In the setting menu, user can choose the background color of several activities in the app
    - Users can type in their current feelings, this information will be displayed in UserActivity view
    - Once a color is picked, the background color for MainActivity, UserActivity and WaitTimeActivity will be changed

Database and Communication with external systems:

We continue to communicate with Yahoo's weather database through Android's Volley.

We continue to user Parse as our external cloud database and file storage system.

We created Mountain View to store the images of the mountains uploaded by users.
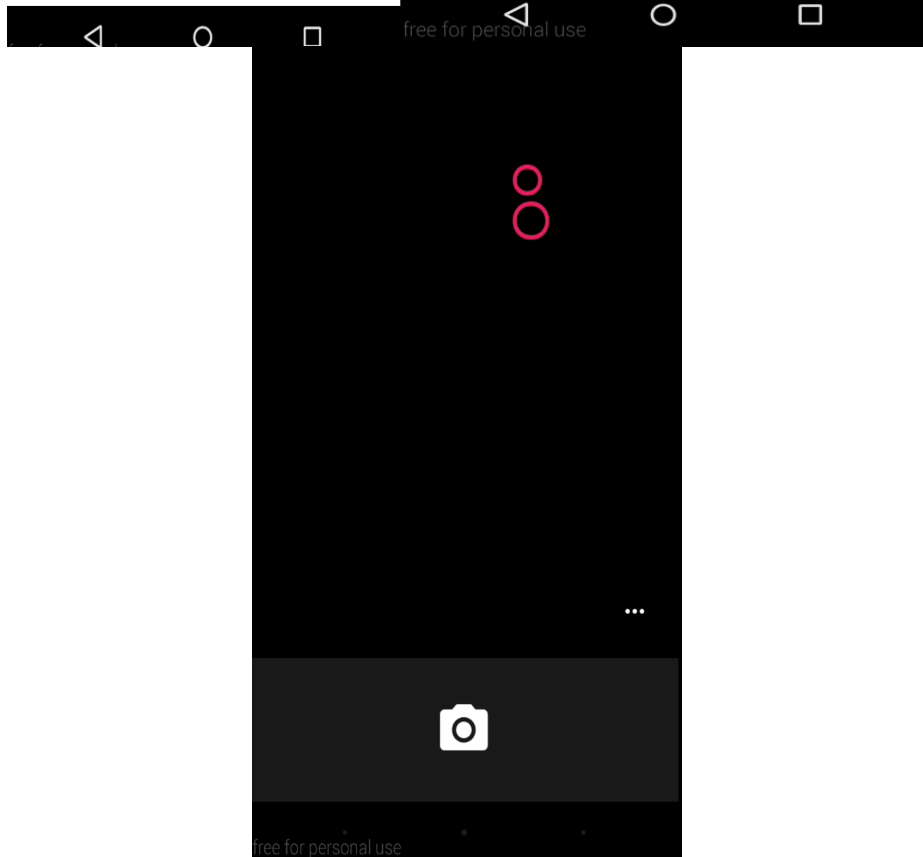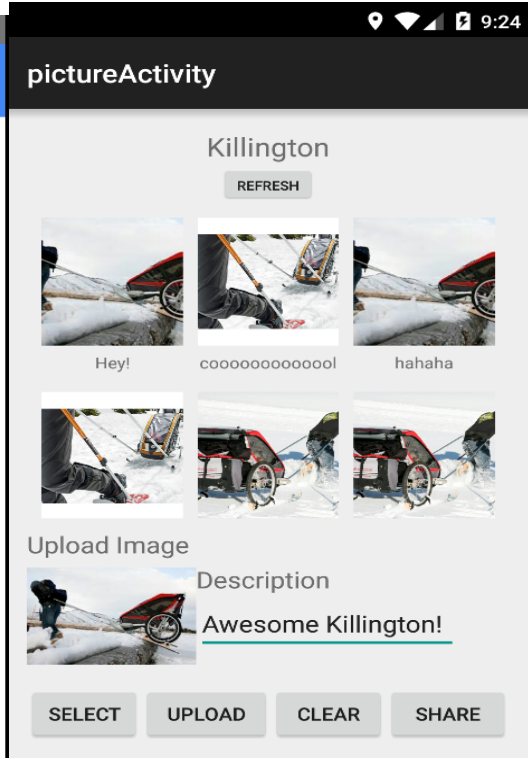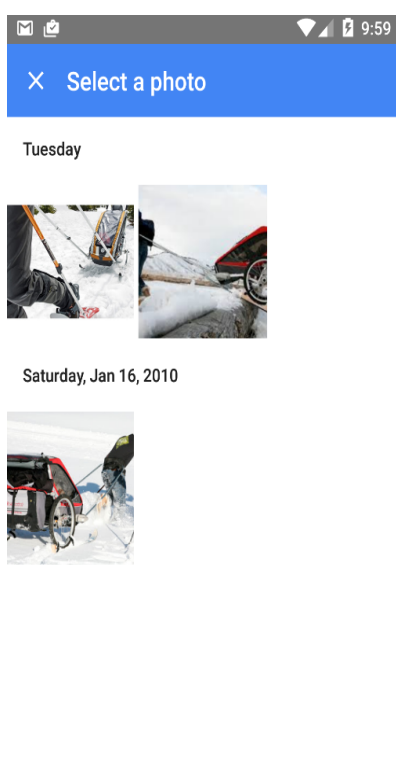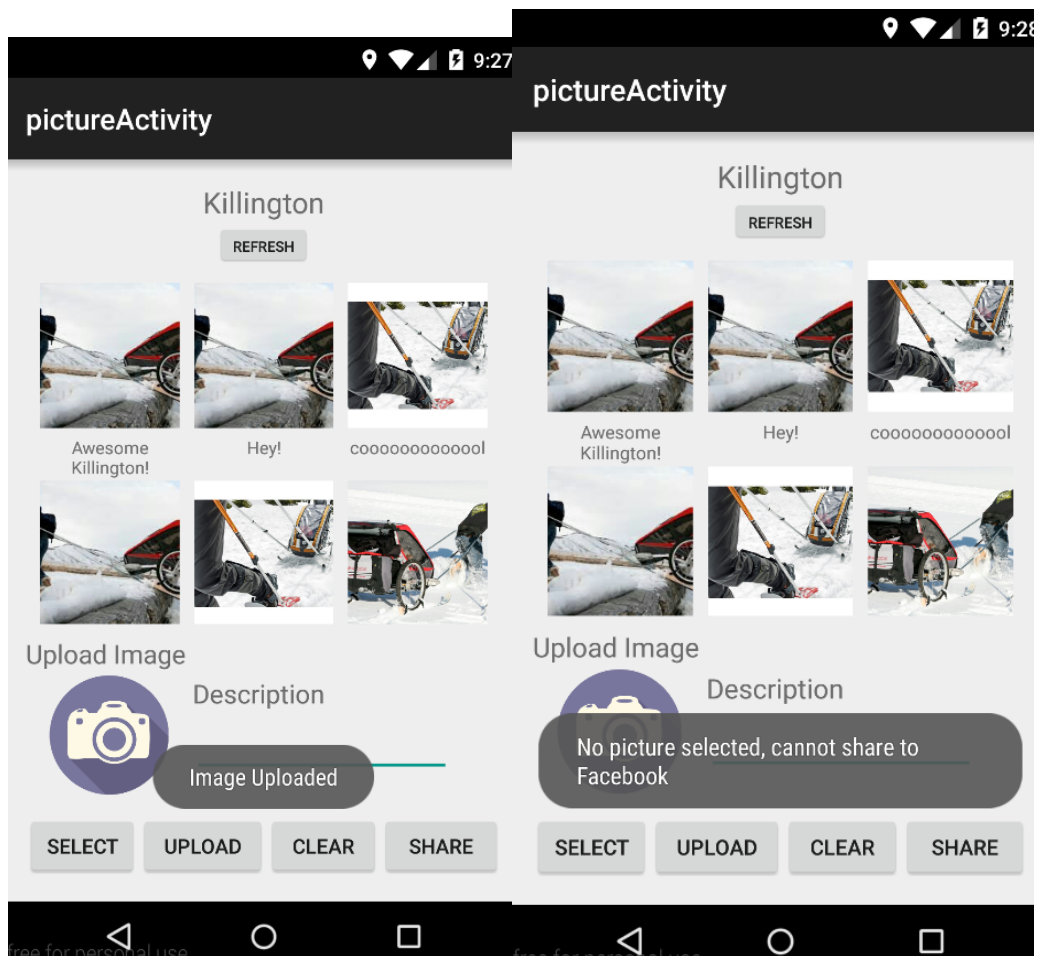
Table: MountainView

Columns:

- ImageFile: the bitmap of the image itself
- MountainName: the name of the mountain that is in the image
- Description: the description of the image

Known Bug: -None

Demo:

User Story #1 (SB-27)

Tuesday

Saturday, Jan 16, 2010

pictureActivity

Killington

REFRESH

Hey!   coooooooooool   hahaha

Upload Image

Description

Awesome Killington!

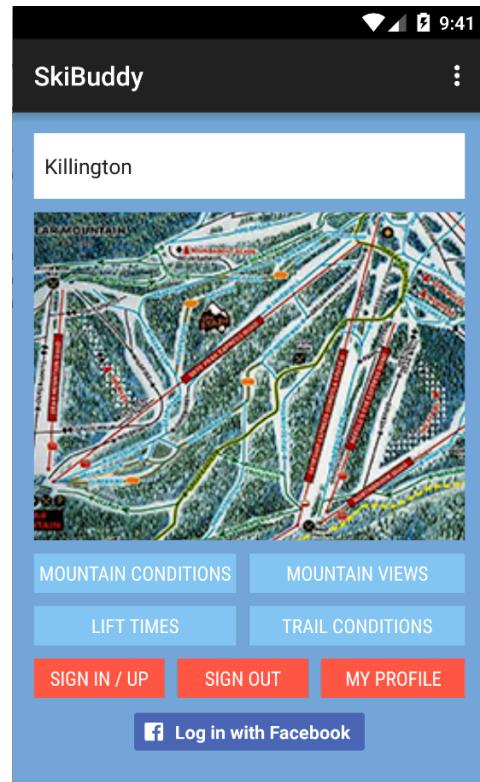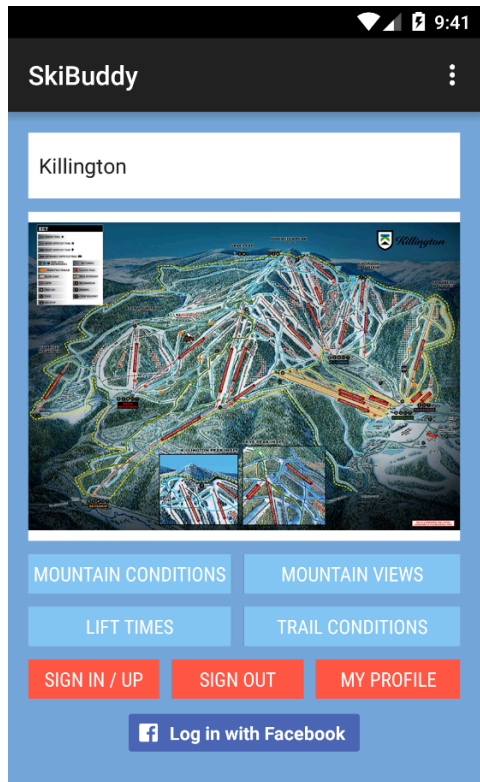SELECT   UPLOAD   CLEAR   SHARE

- Reached by selecting the "Mountain Views" button on the main screen
- Users can see the most recent pictures for selected mountain
- Users can upload pictures to the server by first select a image, write a short description of the picture then click the upload image button
- The pictures for the selected mountain is displayed in descending order of time and each picture has a short description with it
- Users can click on a single picture to see the expanded version of the pictures
- Users can click refresh button to update the pictures
- Users can click pho button to use camera built in android to take photos

References:
1. http://javatechig.com/android/download-and-display-image-in-android-gridview
2. http://developer.android.com/training/animation/zoom.html
3. https://github.com/MikeOrtiz/TouchImageView

User Story # 2 (SB-24)

❖ - User can drag the mountain view picture in the box to enlarge it to make it more clear or make it smaller.

User Story # 3 (SB-14, SB-20)

❖ In action bar, there is a "setting" option in option menu, when clicked, app preference setting page will pop up
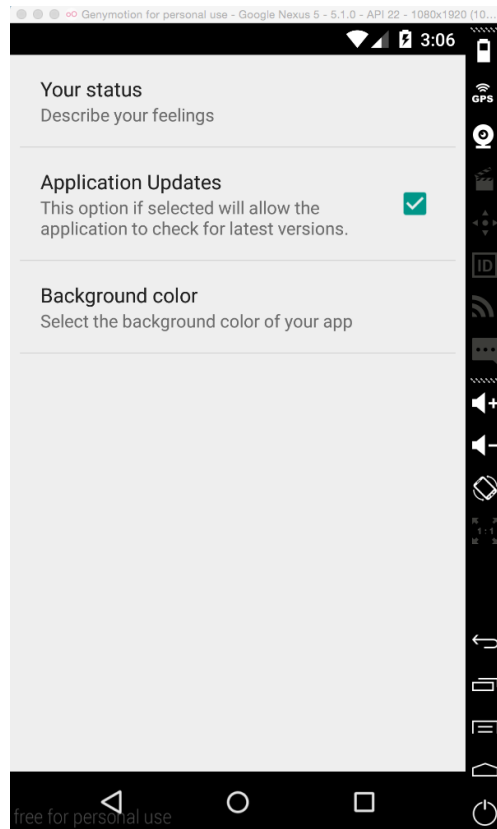
❖ When user choose "Your status", they can describe their current status or feelings, this information will be dispalyed in their profile page.
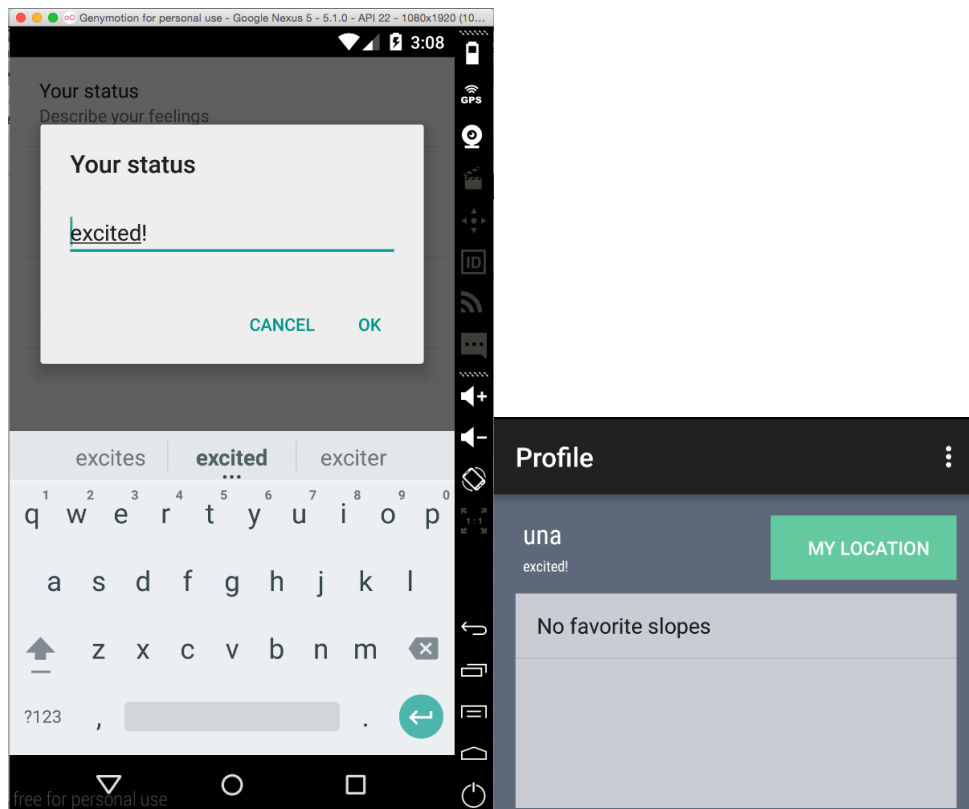
❖ When user choose from several colors in the option "Background color", the corresponding color will be set as background

❖ In the following example, user chooses color "Blue" and corresponding changes have been made to the background color of MainActivity
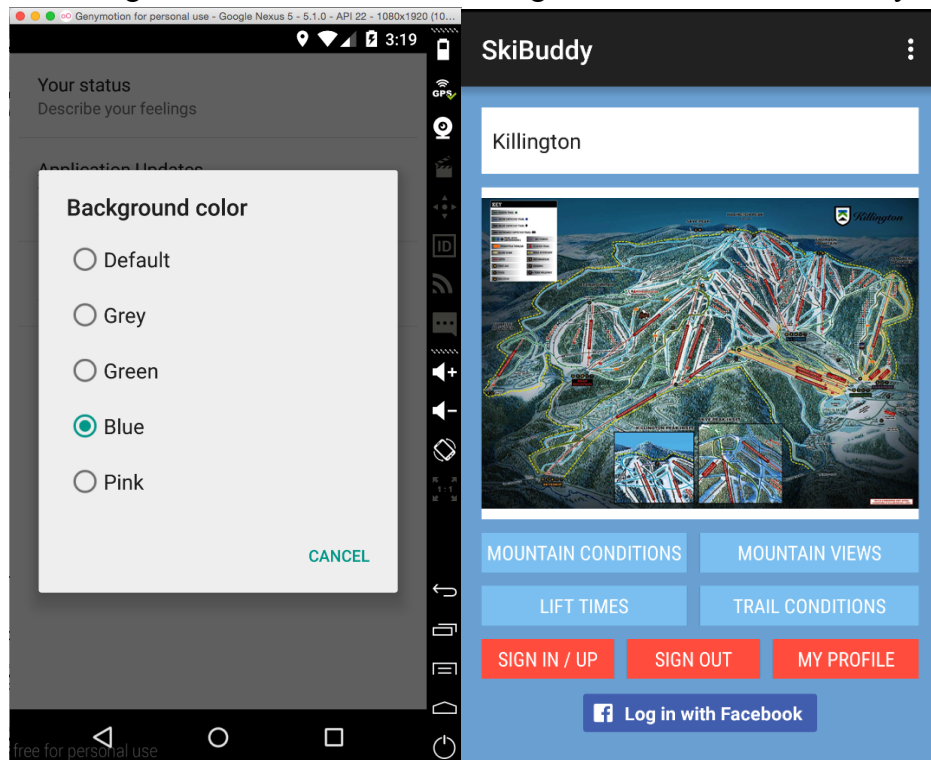

User Story # 4 (SB-24)

❖ **-** In the main view, there is one sign out button, when user have already logged in, they can click on this button to log out

User Story # 5 (SB-16)

❖ In user's profile page, the distance between the user and each of his/her friends will be displayed (in kilometers)
  ➢ This information is obtained based on latitude and longitude differences between users
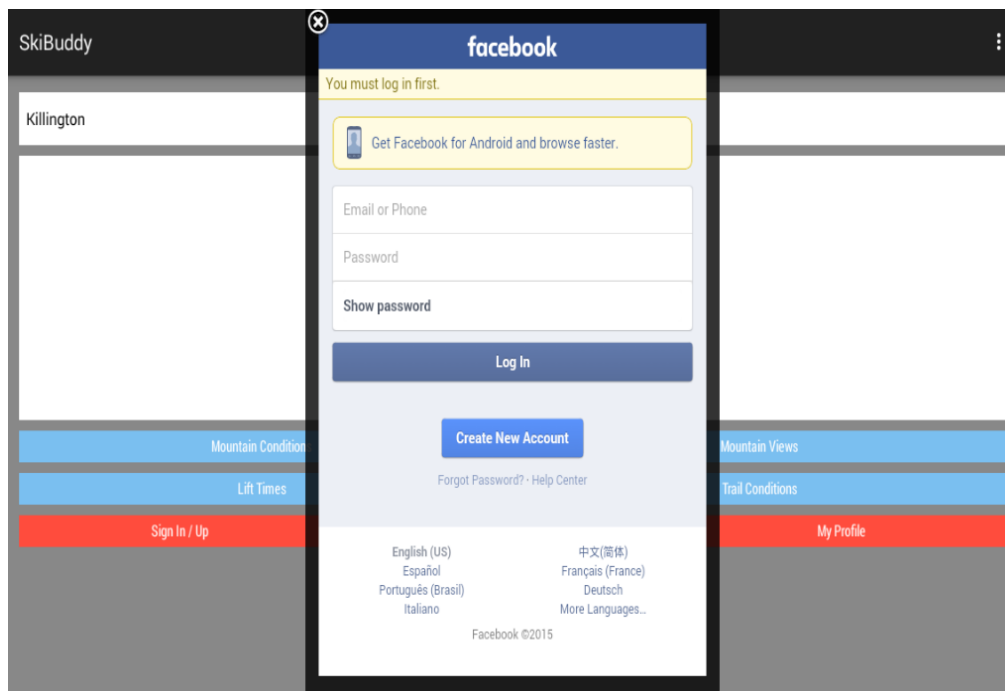 ➢ Every time a user is logged in, their current location information is stored
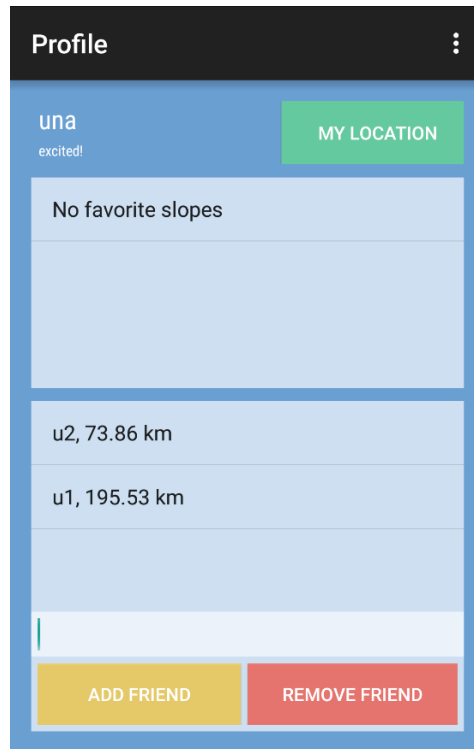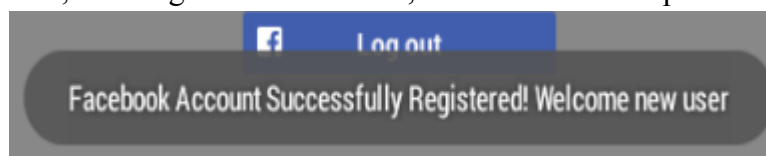
User Story #6 (SB-21)

Pressing the Login with Facebook Account button, if Facebook for Android App is installed, Login page from Facebook App will show up, as followed

Otherwise, a login activity will show up in the middle of the Sky-Buddy, show as followed:

If you are a new user, after login with Facebook, a toast will show up welcoming new users

If you have already registered, a toast will welcome you back
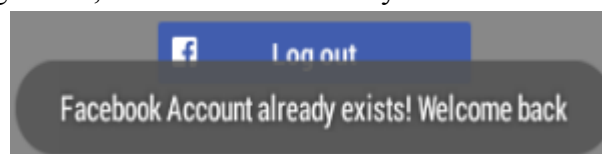
If your login is denied by Facebook (by now, since it's only a developed application, only approved by developers will enable user to login according to the document from Facebook), a third toast will show
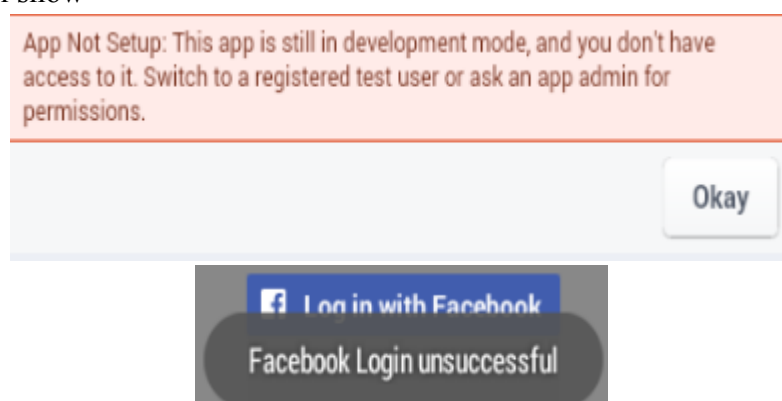
User Story #6 (SB-26)

Only users logged in with their Facebook account are able to user these share features.
In MountainCondition Activity, when users click share their feelings as well as what via our application.
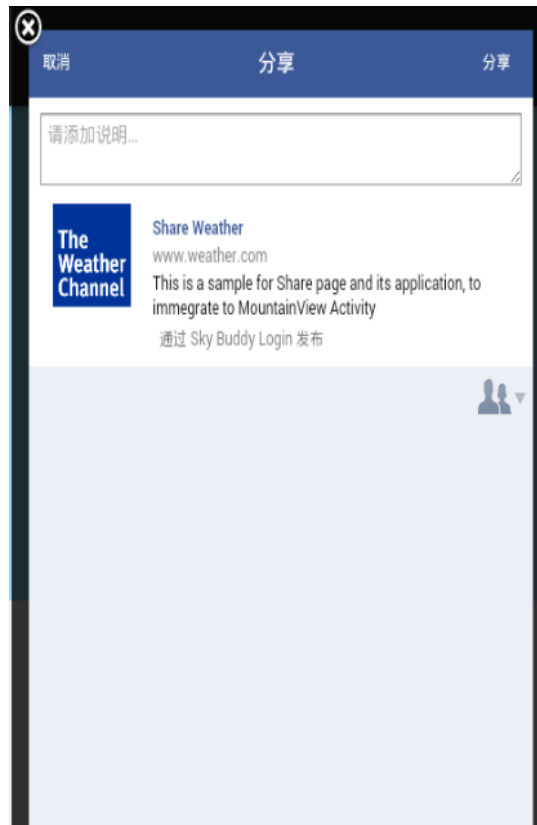
To share pictures, user will be required to install the Facebook Application for Android, otherwise, they will not invoke any reaction when they click share button. After selecting the picture and click on share, Android will start Facebook Application and let you share your picture directly in Facebook.

Commit Log:

commit 79b377ddce22b29d20197cc0b47d34b600bafeb3
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 21:17:27 2015 -0500
    Stop popping up Facebook login menu at the starting of the app

commit ca3fdb829eb19d2ca140d1edb0d3eec7d93fcc48
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 21:06:27 2015 -0500
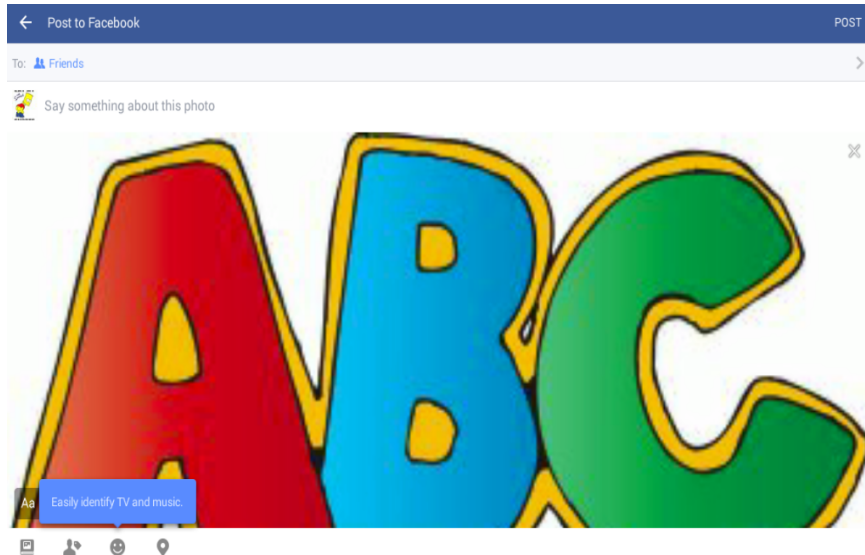   In Mountain View: icon changed for uploading images, button and textview position adjusted

commit f48fee255757531025ca4a663d08836b02c69212
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 20:34:36 2015 -0500
    Button position changed for mountain conditions

commit 7f5b2f639a3d51a144ab20d6ad9b8a748cd4a782
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 20:26:20 2015 -0500
    fix the issue that the camera icon can be mistakenly uploaded to mountain view

commit 40a8b981e32b31bb841c7e7065b3644331a06447
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 18:51:44 2015 -0500
    Share in MontainView Activity,

commit c1f765380aea03940ab748290a40040db234a10f
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 16:06:50 2015 -0500
    Add permissions to LoginManager for further usage

commit 547090d91059f2e4479b0281d988715e6910299a
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 16:02:58 2015 -0500
    Modify MountainViewActivity.java add a camera image button

commit 601bb159509e3b833bb770cc45e46ac8d4a3fbc5
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 15:36:46 2015 -0500
    Bug fixed when cannot get location information

commit c7f4bf20348adc650b5c6491bdb6250ad75b00fa
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 15:06:00 2015 -0500
    Add permissions to LoginManager for further usage

commit 6afb2d770e79eab077b4a05197de53ef1a368bb5
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 14:39:16 2015 -0500
    Bug fixed for register a new user

commit 956db52b4ecf1ac41efc86e4490a1ce23e4ab473
Merge: 8334187 aaea571
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sun Nov 8 14:32:03 2015 -0500
    change mountain view UI

commit aaea5719fefe42c7a6913c2c4f231e132d3226ba
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 14:24:30 2015 -0500
    Add functionality to setting menu, changing content in UserActivity

commit 8334187b10202c8269b8135ab0391cdf0a348c8d
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sun Nov 8 14:17:31 2015 -0500
    change the mountainview UI

commit 0b0f27fce341788a726cfdbd1de2f152ed413961
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 14:10:07 2015 -0500
    Facebook login button position adjusted, UserActivity layout adjusted

commit b62dfbc296fe13bfe3def1eeeb458503bfc8ee2c
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 14:08:01 2015 -0500
    Facebook Login Callback method onActivityResult() vesion 1 -- 1), Callback received, if user unable to login, toast message; 2), initialize my own parse, next step is to upload facebook information onto it.

commit d00c3e9a0f3b416a07499700db411caeb40cc4da
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 12:42:02 2015 -0500
    Facebook Login Callback method onActivityResult() vesion 1 -- 1), Callback received, if user unable to login, toast message; 2), initialize my own parse, next step is to upload facebook information onto it.

commit a8d5768257956be15b88f952d7ffb85f0a7a9037
Merge: 0a81319 c689952
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 12:35:50 2015 -0500
    Merge remote-tracking branch 'origin/master'

commit 0a81319873a3fe220e05bb74fccc1865960c4335
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 12:35:35 2015 -0500
    Facebook Login Callback method onActivityResult() vesion 1 -- 1), Callback received, if user unable to login, toast message; 2), initialize my own parse, next step is to upload facebook information onto it.

commit c689952ade1c30fdd1663e98bee98c86f4b3752b
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 12:34:37 2015 -0500
    Update README.md

commit 4fdd46e8cd6c8dfa57fcff4adcb281b246413d2f
Author: yueyulovetaylor <yueyu@seas.upenn.edu>

Date: Sun Nov 8 12:34:25 2015 -0500
    Update README.md

commit 1da98d59115bda3c14ecf1284cf6fe9a244ef1c9
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 12:17:36 2015 -0500
    Let Facebook Login Button be on the buttom. In activity_main.xml

commit 1236e7d64ad84f2a276d1b8d948934379fdb93a2
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 12:11:50 2015 -0500
    delete cached files and fix .gitignore

commit 26e3e4ea1591d07b81e48bfc5647558ed6798480
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 12:07:16 2015 -0500
    Show distance of user's friends in UserActivity

commit d86c6847892fc1d0cc596fae13f7c805c7bfc873
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 11:26:10 2015 -0500
    the .gitignore should work correctly now

commit 081be041534ad92ccef3a8806bd0ca362fdc97eb
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 11:16:15 2015 -0500
    modified .gitignore

commit 4bbd6f1027004d42a7fc08c2abd913c61865ebfc
Merge: ff42142 d613a2e
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 11:05:03 2015 -0500
    Merge branch 'master' of https://github.com/cis-upenn/22-Ski-Buddy
    Conflicts:
        ski-buddy/.idea/workspace.xml
        ski-buddy/build/intermediates/gradle_project_sync_data.bin
        ski-buddy/local.properties

commit ff421420024b0a7d65444973a177fbec9076d221
Merge: cedf553 57d852c
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 10:40:42 2015 -0500
    Merge branch 'master' of https://github.com/cis-upenn/22-Ski-Buddy
    Conflicts:
        ski-buddy/.idea/misc.xml
        ski-buddy/.idea/workspace.xml

commit d613a2ed89264d4136df2b77fff8a9bb64fab7aa
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 10:39:04 2015 -0500
    Fixing bugs in AndroidManifest.xml 2 (Add activity:name="com....facebookActivity") tag

commit c08494c2e1009c21227ae5354a0f341a26a7c814
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 10:35:18 2015 -0500
    Fixing bugs in AndroidManifest.xml

commit 89a646d7ffc690694b6296c72c1c84570a951a56
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 10:29:39 2015 -0500
    Fixing bug facebook sdk needs to be initialized in the first place

commit cedf553c632670962ccd56c1b1908d3b2abac8e4

Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 10:25:16 2015 -0500
    conflicts

commit d91b1a232a403a26d4f64de9a3e43b7e81f32bde
Merge: 795f5c7 f33f64d
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 10:16:57 2015 -0500
    Merge branch 'master' of https://github.com/cis-upenn/22-Ski-Buddy
    Conflicts:
            ski-buddy/.idea/workspace.xml

commit 57d852c27ef50b7d490a4463a9b3e5dac1ca4c93
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 10:09:29 2015 -0500
    Login successful in mainActivity.onCreate(), additional call back to do in onActivityResult() method

commit 795f5c731453635246f039220f2f56e9944adba1
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 10:05:48 2015 -0500
    Background color of UserActivity and WaitTimeActivity can be changed

commit f33f64da3c3f5c13d4a0fb0fd94ecac910edf5d1
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 09:44:12 2015 -0500
    Test push and merge just in two build.gradle

commit 3c687cf2f3e0295ed88dceac720c4f571165fb46
Author: yueyulovetaylor <yueyu@seas.upenn.edu>
Date: Sun Nov 8 09:43:52 2015 -0500
    Test push and merge just in two build.gradle

commit 3cf9e5c2fb6c29a634355323aef94eac5962cd32
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 09:29:13 2015 -0500
    Background color for MainActivity can be changed

commit a8b4c7fc32308aef8ff84897b26208158fc96dd8
Author: yisi <xuyisi922@gmail.com>
Date: Sun Nov 8 01:23:35 2015 -0500
    Add setting menu

commit 68432954cb3691569850018e84852240d73f516d
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 8 00:12:16 2015 -0500
    fix a bug - the program crashes when add a friend

commit 80cdb447a70e4abdd096f6e705fc9998b11fcf70
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sat Nov 7 19:56:41 2015 -0500
    delete one useless file

commit ec6d3d6e4a609bc0d9f358a5ec03da639f07b13a
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sat Nov 7 19:52:31 2015 -0500
    add sign out and mountain view can zoom out and take photo function

commit 62bf88a1a2546bc6a3e4ac295c9a3b826fbb0eb9
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sat Nov 7 19:50:05 2015 -0500
    add sign out and mountain view can zoom out and take photo function

commit 639026ccaab4fef819aa7d1247c4c1611265db24

Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sat Nov 7 16:15:46 2015 -0500
    add sign out and mountain view can zoom out

commit ee8b162378964c30d01456198485b99ec6ed2489
Author: tengyuan <tengyy@seas.upenn.edu>
Date: Sat Nov 7 13:31:27 2015 -0500
    Add test.md file

commit 048d9c198379c17cd7d9cc7f933543ea91b97af0
Author: Wei Hu <weihu816@gmail.com>
Date: Sat Nov 7 12:04:34 2015 -0500
    Improve the code in the mountain view activity

commit 590de3baf2c9c22f712d3a23ed6156da1b2649e7
Author: Wei Hu <weihu816@gmail.com>
Date: Sat Nov 7 12:03:50 2015 -0500
    fix a bug that the program crashes when pictures are clicked

commit fa0152c4e7b178d4b6ba780647a6bb8931ad1fdd
Author: Wei Hu <weihu816@gmail.com>
Date: Fri Nov 6 21:07:06 2015 -0500
    Update the picture uploading function: users can write a short description about the picture they upload; the appearance is
modified as well

commit 4823e5cc2f231074db138f47cab1b61c6e252f9b
Author: Wei Hu <weihu816@gmail.com>
Date: Fri Nov 6 18:10:10 2015 -0500
    fix a trivial display issue in the main view

commit cb553589d1a1a81f4ccfe40d0fd864ae7a81f829
Author: Wei Hu <weihu816@gmail.com>
Date: Thu Nov 5 17:33:10 2015 -0500
    Add README.md

commit bca1824025b5689e8def96230a8aacbc56de960e
Author: Wei Hu <weihu816@gmail.com>
Date: Thu Nov 5 17:30:04 2015 -0500
    Finish the user story that the server can now display the most recent images uploaded for a given mountain

commit aee4943213333bf2d1f4ab83f5f8f99c430bb017
Merge: 34177ec 06ff80d
Author: Wei <weihu816@gmail.com>
Date: Thu Nov 5 11:05:03 2015 -0500
    Merge pull request #2 from cis-upenn/wei
    fixed a bug in MountainViewActivity.java

commit 06ff80da47ffa8cc91e2b5adb24c2fa3806206bc
Author: Wei Hu <weihu816@gmail.com>
Date: Thu Nov 5 11:02:28 2015 -0500
    fixed a bug in MountainViewActivity.java

commit 34177ec9db8381ace0fe0bb6e9684d465e9c464c
Merge: 0c2fefa 9377451
Author: Wei <weihu816@gmail.com>
Date: Thu Nov 5 10:59:01 2015 -0500
    Merge pull request #1 from cis-upenn/wei
    First iteration

commit 93774512ba2dc5fdeb39f59e2021d2bfa7de4554
Author: Wei Hu <weihu816@gmail.com>
Date: Thu Nov 5 01:53:18 2015 -0500
    fixed the bug when uploading image

commit a763df15706d0facf2f1bae1ed040e50f7894e9f
Author: Wei Hu <weihu816@gmail.com>
Date: Thu Nov 5 01:26:05 2015 -0500
    finish the image uploading function

commit 8766ecb3fc07c44b2e9adb425114ffd4e6dbfc8a
Author: Wei Hu <weihu816@gmail.com>
Date: Sun Nov 1 23:49:10 2015 -0500
    fix .gitignore

commit 92117f407f4a20b75ba8a53e69a0094bbf9e2e35
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 18:00:23 2015 -0400
    extract long method onCreate in UserActivity.java

commit 8574bede7fe0abf0564e7ab3402d11ea720158bc
Merge: d9885de bc325f3
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:32:52 2015 -0400
    fix bug when delete a trial that not exists

commit d9885de9910d1190d12ff3b59db7098dbd44c6f3
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:18:35 2015 -0400
    delete LoadActivity.java class

commit b737315bdd34036acc30e9110c7ff2b6a17c7545
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:17:42 2015 -0400
    AndroidManifest.xml

commit 93304a01bb43d9dcb1ebc553b05440753b238702
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:15:22 2015 -0400
    modify MainActivity.java class

commit 3464939aa229a7611004089dfee5f573144a991a
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:14:01 2015 -0400
    modify TrailConditionActivity.java

commit e54271a44bc83ce06288fc7e8e84dd114c716c73
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:12:56 2015 -0400
    modify WaitTimeActivity.java

commit b3f4e3f2256fa6224f093c2600984064a0278a10
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 17:10:55 2015 -0400
    add .gitignore files and refactor UserActivity.java Class

commit bc325f3621b4dbc0ad3f8c89c84dfa31f95b37a8
Author: Wei Hu <weihu816@gmail.com>
Date: Mon Oct 12 02:17:37 2015 -0400
    Add .gitignore
    Add .gitignore files in root folder and volley folder

commit 0c2fefa173673b5fd6e789bd3dbce15682894a7e
Author: Chris Murphy <cdmurphy@seas.upenn.edu>
Date: Wed Sep 16 17:23:23 2015 -0400
    initial commit