Setup Instructions for Android
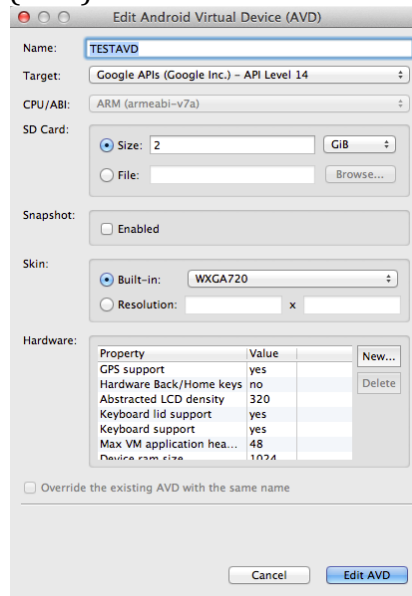# Group 1

Version requirement:
a) Eclipse with Java 1.6
b) Eclipse Android Development Tools (Latest version)
c) Android SDK platform 14 (Android 4.0) with Google API
d) Android Virtual Device (AVD) with API 14 and WXGA720

Edit Android Virtual Device (AVD)

Name: TESTAVD
Target: Google APIs (Google Inc.) – API Level 14
CPU/ABI: ARM (armeabi-v7a)
SD Card:
⦿ Size: 2   GiB
○ File: Browse...
Snapshot:
☐ Enabled
Skin:
⦿ Built-in: WXGA720
○ Resolution: x
Hardware:

Property	Value	
GPS support	yes	New...
Hardware Back/Home keys	no	Delete
Abstracted LCD density	320	
Keyboard lid support	yes	
Keyboard support	yes	
Max VM application hea...	48	
Device ram size	1024	

☐ Override the existing AVD with the same name

Cancel   Edit AVD

Setup:
1. Download the Android SDK from Google Android website
   http://developer.android.com/sdk/index.html
2. Install the ADT to the Eclipse
   http://developer.android.com/sdk/installing/installing-adt.html
3. Download the Android 4.0 SDK from Google by using ADT
4. Create an Android virtual device to run the program

Notice:
1. In iteration 3, we have finished three independent parts on the phone side, which are Login (username and password authentication between server and client), Post Detail (communications with the server by sending the request and parsing the XML), and Google map view.
2. We have finished the function of post list in iteration 3, but the UI for this function is still in developing.
3. To test the Login and Post Detail functions, the String value Path, should be replaced by the correct different functions' server links.
4. No external libraries required on Android side.