This project includes two main coding parts:

- ---HumanAR (android mobile)
- ---HumanARserver (server), it includes the database file called android.sql

To run the code, the steps as follows:

- 1. Put HumanAR folder under the working folder of Android Studio, and put HumanARserver folder under the working folder of WAMP(Windows) or MAMP(Mac)
- 2. Change the IP address of server under the MainActivity class of android code, shown as the picture

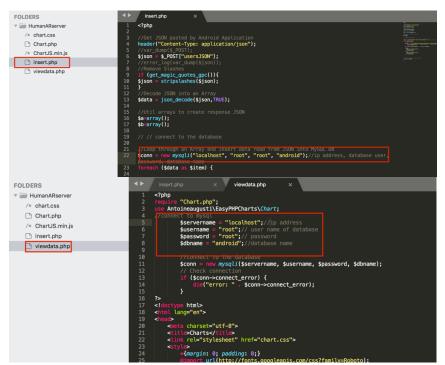
```
► IIii HARLib
W 📑 HARSample
                                                                          HarDataBaseHelper controller = new HarDataBaseHelper( context: this);
       ▼ □ com.rockcode.har.demo
                                                                          ProgressDialog prgDialog;
SectionsPagerAdapter mSectionsPagerAdapter;
          ▼ base

© HarDataBaseHelper
                                                                         ViewPager mViewPager;
                  HarDataStatic
                                                                          private PieChart mPieChart;
private barChart mBarChart;
private boolean mIsHarRunning = false;
private boolean mIsShowHistoryData = false;
                  Continuo Collector
                    UserActivityInfo
          ► 🖿 util
               c barChart

    HarDataCollectActivity

                                                                          private MenuItem mStartMenuItem;
                                                                          nrivate MenuItem mShoudistoryMenuItem:
public static final String URL = "http://10.122.1.216/HumanARserver/insert.php";
//
public string android_1x;
View mViewButtons;
   ™ WekaAndroid
                                                                          goverride
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
  Gradle Scripts
build.gradle
       build.gradle (Module: HARLib)
                                                                                ArrayList<HashMap<String, String>> userList = controller.getAllActivities();
if(userList.size()!=0){
       ( build gradle (Module: HARSample)
```

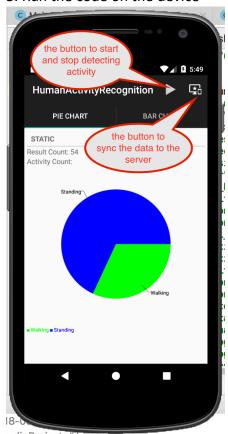
Change the config of database (server name, username to login the database and the password) under the HumanARserver folder, insert.php and viewdata.php.



- 3. Load the database file(android.sql) into server(phpMyAdmin).
- 4. There are two ways to test the android code, one is to run it on the Android Studio with a virtual device, the other is to build an APK on the Android Studio(the apk file locates

HumanAR/HARSample/build/outputs/apk/debug/HARSample-debug.apk) and install it on an android device to test it.

5. Run the code on the device



6. To run the code of the server, we test it on a web browser (eg. Google Chrome). Type in the url(localhost/HumanARserver/viewdata.php), select the username and date.

