**SAMPLE CODING**

Main.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Welcome to Friend Finder"

android:textAppearance="?android:attr/textAppearanceLarge" />

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:textAppearance="?android:attr/textAppearanceLarge" />

<Button android:text="Signup"

android:id="@+id/signup"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content" >

</Button>

<Button android:text="View Friend"

android:id="@+id/view1"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content">

</Button>

</LinearLayout>

Signup.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Static IP (ex.115.10.145.65)"

/>

<EditText

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/ipadd"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mobile Number"

/>

<EditText

android:id="@+id/mobile"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:phoneNumber="true">

</EditText>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Password"

></TextView>

<EditText android:text=""

android:id="@+id/pass"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:password="true"

>

</EditText>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Latitude"

></TextView>

<EditText

android:id="@+id/latitude"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content">

</EditText>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Longitude">

</TextView>

<EditText

android:id="@+id/longitude"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content" >

</EditText>

<Button android:text="Submit"

android:id="@+id/create"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content">

</Button>

</LinearLayout>

Viewfriend.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout

xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Static IP (ex.115.10.145.65)"

/>

<EditText

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/ipadd1"

/>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Enter Mobile Number"/>

<EditText

android:id="@+id/mobile123"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:phoneNumber="true"

/>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Enter Password"

/>

<EditText

android:id="@+id/pass123"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:password="true"

/>

<TextView

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:text="Enter Your Friend's Phone Number"

/>

<EditText

android:id="@+id/friend123"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:phoneNumber="true"

/>

<Button

android:text="View"

android:id="@+id/viewfriend123"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content">

</Button>

</LinearLayout>

Update.xml

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="fill\_parent"

android:layout\_height="fill\_parent"

>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Static IP (ex.115.10.145.65)"

/>

<EditText

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/ipadd"

/>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Mobile Number"

/>

<EditText

android:id="@+id/mobile"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:phoneNumber="true">

</EditText>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Password"

/>

<EditText

android:id="@+id/password"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content"

android:password="true">

</EditText>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Latitude"

/>

<EditText android:text=""

android:id="@+id/latitude"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content">

</EditText>

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Longitude"

/>

<EditText android:text=""

android:id="@+id/longitude"

android:layout\_width="fill\_parent"

android:layout\_height="wrap\_content" >

</EditText>

</LinearLayout>

**ANDROID MANIFEST**

<?xml version="1.0" encoding="utf-8"?>

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

package="com.friend"

android:versionCode="1"

android:versionName="1.0">

<application android:icon="@drawable/icon" android:label="@string/app\_name">

<activity android:name=".mainclass" android:label="@string/app\_name">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

</activity>

<activity android:name=".friend" android:label="@string/app\_name"></activity>

<activity android:name=".Viewfriend" android:label="@string/app\_name"></activity>

</application>

<uses-permission android:name="android.permission.INTERNET"></uses-permission>

<uses-permission android:name="android.permission.ACCESS\_FINE\_LOCATION"></uses-permission>

<uses-permission android:name="android.permission.ACCESS\_COARSE\_LOCATION"></uses-permission>

</manifest>

**ACTIVITIES :**

Mainclass.java

package com.friend;

public class mainclass extends Activity {

Button signup,view1;

@Override

public void onCreate(final Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.main);

signup=(Button)findViewById(R.id.signup);

view1=(Button)findViewById(R.id.view1);

signup.setOnClickListener(new OnClickListener() {

@Override

public void onClick(View v) {

Intent intent=new Intent(getBaseContext(),friend.class);

startActivity(intent);

}

});

view1.setOnClickListener(new OnClickListener() {

@Override

public void onClick(View v) {

Intent intent=new Intent(getBaseContext(),Viewfriend.class);

startActivity(intent);

}

});

}

}

Signup.java

package com.friend;

import com.mysql.jdbc.Connection;

import com.mysql.jdbc.Statement;

public class friend extends Activity {

/\*\* Called when the activity is first created. \*/

EditText mobile,lon1,lat1,pass,ipadd;

Button create1;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.signup);

mobile=(EditText)findViewById(R.id.mobile);

pass=(EditText)findViewById(R.id.pass);

lon1=(EditText)findViewById(R.id.longitude);

lat1=(EditText)findViewById(R.id.latitude);

ipadd=(EditText)findViewById(R.id.ipadd);

create1=(Button)findViewById(R.id.create);

LocationManager mlocManager = (LocationManager)getSystemService(Context.LOCATION\_SERVICE);

LocationListener mlocListener = new MyLocationListener();

mlocManager.requestLocationUpdates( LocationManager.GPS\_PROVIDER, 0, 0, mlocListener);

create1.setOnClickListener(new OnClickListener() {

@Override

public void onClick(View v) {

try{

String mob=mobile.getText().toString();

String longi=lon1.getText().toString();

String lati=lat1.getText().toString();

String password=pass.getText().toString();

String ipaddr=ipadd.getText().toString();

String dburl="jdbc:mysql://"+ipaddr+":3306/friendmapper";

if((longi!=null)&&(lati!=null))

{

Class.forName("com.mysql.jdbc.Driver");

Connection con=DriverManager.getConnection(dburl,"root","password");

Statement ps1=con.createStatement();

java.util.Date dt=new java.util.Date();

String s=dt.~~toLocaleString~~();

int i=ps1.executeUpdate("insert into createacc(MobileNumber,Longitude,Lattitude,Time,Password) values('"+mob+"','"+longi+"','"+lati+"','"+s+"','"+password+"')");

if(i>0)

{

Toast.makeText(getApplicationContext(), "success" ,Toast.LENGTH\_LONG).show();

}

else

{

Toast.makeText(getApplicationContext(), "failed to install" ,Toast.LENGTH\_LONG).show();

}

}

}

catch(Exception ex1)

{

Toast.makeText(getApplicationContext(), ex1.getMessage() ,Toast.LENGTH\_LONG).show();

}

// try{

// Thread.sleep(50000);

// }

// catch(Exception e){}

}

}

);

}

public class MyLocationListener implements LocationListener

{

public void onLocationChanged(Location loc)

{

loc.getLatitude();

loc.getLongitude();

//String Text = "My current location is: " +"latitude = "+ loc.getLatitude() + "Longitude = " + loc.getLongitude();

Double lat=loc.getLatitude();

Double lon=loc.getLongitude();

lat1.setText(lat.toString());

lon1.setText(lon.toString());

//Toast.makeText( getApplicationContext(),Text,Toast.LENGTH\_SHORT).show();

}

public void onProviderDisabled(String provider)

{

Toast.makeText( getApplicationContext(),"Gps Disabled",Toast.LENGTH\_SHORT ).show();

}

public void onProviderEnabled(String provider)

{

Toast.makeText( getApplicationContext(), "Gps Enabled", Toast.LENGTH\_SHORT).show();

}

public void onStatusChanged(String provider, int status, Bundle extras)

{

}

}/\* End of Class MyLocationListener \*/

}

Viewfriend.java

package com.friend;

import com.mysql.jdbc.Connection;

import com.mysql.jdbc.ResultSet;

import com.mysql.jdbc.Statement;

public class Viewfriend extends Activity {

String mylat,mylong;

EditText mob123,pass123,friend123,ipadd1;

Button viewfriend123;

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.viewfriend);

mob123=(EditText)findViewById(R.id.mobile123);

friend123=(EditText)findViewById(R.id.friend123);

pass123=(EditText)findViewById(R.id.pass123);

ipadd1=(EditText)findViewById(R.id.ipadd1);

viewfriend123=(Button)findViewById(R.id.viewfriend123);

viewfriend123.setOnClickListener(new OnClickListener() {

@Override

public void onClick(View v) {

LocationManager mlocManager = (LocationManager)getSystemService(Context.LOCATION\_SERVICE);

LocationListener mlocListener = new MyLocationListener();

mlocManager.requestLocationUpdates( LocationManager.GPS\_PROVIDER, 0, 0, mlocListener);

try {

String ipaddr=ipadd1.getText().toString();

String dburl="jdbc:mysql://"+ipaddr+":3306/friendmapper";

Class.forName("com.mysql.jdbc.Driver");

Connection con=DriverManager.getConnection(dburl,"root","password");

Statement ps1=con.createStatement();

ResultSet rs=ps1.executeQuery("select \* from createacc where MobileNumber='"+mob123.getText().toString()+"' and Password='"+pass123.getText().toString()+"'");

if(rs.next())

{

Statement ps2=con.createStatement();

ResultSet rs1=ps1.executeQuery("select \* from createacc where MobileNumber='"+friend123.getText().toString()+"'");

if(rs1.next())

{

Intent openLink = new Intent(Intent.ACTION\_VIEW, Uri.parse("https://maps.google.com/maps?q="+rs1.getString(3)+","+rs1.getString(2)+""));

startActivity(openLink);

}

}

else

{

Toast.makeText(getApplicationContext(), "mobile number or password is incorrect" ,Toast.LENGTH\_LONG).show();

}

} catch (Exception e) {

Toast.makeText(getApplicationContext(), e.getMessage() ,Toast.LENGTH\_LONG).show();

e.printStackTrace();

}

}

});

}

public class MyLocationListener implements LocationListener

{

public void onLocationChanged(Location loc)

{

loc.getLatitude();

loc.getLongitude();

//String Text = "My current location is: " +"latitude = "+ loc.getLatitude() + "Longitude = " + loc.getLongitude();

Double lat=loc.getLatitude();

Double lon=loc.getLongitude();

// lat1.setText(lat.toString());

// lon1.setText(lon.toString());

mylat=lat.toString();

mylong=lon.toString();

//Toast.makeText( getApplicationContext(),Text,Toast.LENGTH\_SHORT).show();

}

public void onProviderDisabled(String provider)

{

Toast.makeText( getApplicationContext(),"Gps Disabled",Toast.LENGTH\_SHORT ).show();

}

public void onProviderEnabled(String provider)

{

Toast.makeText( getApplicationContext(), "Gps Enabled", Toast.LENGTH\_SHORT).show();

}

public void onStatusChanged(String provider, int status, Bundle extras)

{

}

}/\* End of Class MyLocationListener \*/

}

Friendrun.java

package com.friend1;

public class friendrun extends Activity {

/\*\* Called when the activity is first created. \*/

EditText mobile,lon1,lat1,pw,ipadd;

TimerTask tim;

Timer t=new Timer();

final Handler hand=new Handler();

int x=1;

@Override

public void onCreate(final Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.main);

tim=new TimerTask(){

public void run()

{

hand.post(new Runnable() {

public void run() {

mobile=(EditText)findViewById(R.id.mobile);

pw=(EditText)findViewById(R.id.password);

lon1=(EditText)findViewById(R.id.longitude);

lat1=(EditText)findViewById(R.id.latitude);

ipadd=(EditText)findViewById(R.id.ipadd);

LocationManager mlocManager = (LocationManager)getSystemService(Context.LOCATION\_SERVICE);

LocationListener mlocListener = new MyLocationListener();

mlocManager.requestLocationUpdates( LocationManager.GPS\_PROVIDER, 0, 0, mlocListener);

// create1.setOnClickListener(new OnClickListener() {

// @Override

// public void onClick(View v) {

try{

String mob=mobile.getText().toString();

String longi=lon1.getText().toString();

String lati=lat1.getText().toString();

String pw1=pw.getText().toString();

String ipaddr=ipadd.getText().toString();

String dburl="jdbc:mysql://"+ipaddr+":3306/friendmapper";

if((longi!=null)&&(lati!=null))

{

Class.forName("com.mysql.jdbc.Driver");

Connection con=DriverManager.getConnection(dburl,"root","password");

Statement ps1=con.createStatement();

java.util.Date dt=new java.util.Date();

String s=dt.~~toLocaleString~~();

int i=ps1.executeUpdate("update createacc set Longitude='"+longi+"',Lattitude='"+lati+"',Time='"+s+"' where MobileNumber='"+mob+"' and Password='"+pw1+"'");

if(i>0)

{

//Toast.makeText(getApplicationContext(), "success" ,Toast.LENGTH\_LONG).show();

}

else

{

Toast.makeText(getApplicationContext(), "your account does not exist. please create a account." ,Toast.LENGTH\_LONG).show();

}

}

else

{

Toast.makeText(getApplicationContext(), "waiting for gps values" ,Toast.LENGTH\_LONG).show();

}

}

catch(Exception ex1)

{

Toast.makeText(getApplicationContext(), "Account already exist" ,Toast.LENGTH\_LONG).show();

}

//

}});

}};

t.schedule(tim, 900, 60000);

}

public class MyLocationListener implements LocationListener

{

public void onLocationChanged(Location loc)

{

loc.getLatitude();

loc.getLongitude();

//String Text = "My current location is: " +"latitude = "+ loc.getLatitude() + "Longitude = " + loc.getLongitude();

Double lat=loc.getLatitude();

Double lon=loc.getLongitude();

lat1.setText(lat.toString());

lon1.setText(lon.toString());

//Toast.makeText( getApplicationContext(),Text,Toast.LENGTH\_SHORT).show();

}

public void onProviderDisabled(String provider)

{

Toast.makeText( getApplicationContext(),"Gps Disabled",Toast.LENGTH\_SHORT ).show();

}

public void onProviderEnabled(String provider)

{

Toast.makeText( getApplicationContext(), "Gps Enabled", Toast.LENGTH\_SHORT).show();

}

public void onStatusChanged(String provider, int status, Bundle extras)

{

}

}/\* End of Class MyLocationListener \*/

}