**SOURCE CODE**

New Students:

package com.example.examhallseatingallotment;

import java.util.ArrayList;

import java.util.List;

import org.apache.http.NameValuePair;

import org.apache.http.message.BasicNameValuePair;

import org.json.JSONException;

import org.json.JSONObject;

import android.app.Activity;

import android.app.ProgressDialog;

import android.content.Intent;

import android.os.AsyncTask;

import android.os.Bundle;

import android.util.Log;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Spinner;

import android.widget.Toast;

public class NewStudents extends Activity {

Button b1,b2;

EditText t1,t2,t3,t4,t5,t6;

Spinner s1,s2,s3,s4,s5;

String url=null,domain=null;

ProgressDialog pd;

String rno,lpass,sname,gender,dob,mno,email,department,batch,year,degree;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_new\_students);

domain=getString(R.string.domainconfig);

url="http://"+domain+"/AExamHallSeatingAllotment/aCreateStudents.php";

t1=(EditText)findViewById(R.id.rno);

t2=(EditText)findViewById(R.id.lpass);

t3=(EditText)findViewById(R.id.sname);

t4=(EditText)findViewById(R.id.dob);

t5=(EditText)findViewById(R.id.mno);

t6=(EditText)findViewById(R.id.email);

s1=(Spinner)findViewById(R.id.gender);

s2=(Spinner)findViewById(R.id.department);

s3=(Spinner)findViewById(R.id.batch);

s4=(Spinner)findViewById(R.id.year);

s5=(Spinner)findViewById(R.id.degree);

b1 = (Button)findViewById(R.id.btn1);

b1.setOnClickListener(new View.OnClickListener()

{

public void onClick(View v)

{

if (t1.getText().toString().length() == 0)

{

t1.setError("Enter Roll Number");

t1.requestFocus();

}

if (t2.getText().toString().length() == 0)

{

t2.setError("Enter Login Password");

t2.requestFocus();

}

if (t3.getText().toString().length() == 0)

{

t3.setError("Enter Your Name");

t3.requestFocus();

}

else if (s1.getSelectedItem().equals("Select Gender")) {

Toast.makeText(getApplicationContext(), "Select Gender", Toast.LENGTH\_SHORT).show();

}

else if(t4.getText().toString().length() == 0)

{

t4.setError("Enter Date of Birth");

t4.requestFocus();

}

else if(t5.getText().toString().length() == 0)

{

t5.setError("Enter Mobile Number");

t5.requestFocus();

}

else if(t6.getText().toString().length() == 0)

{

t6.setError("Enter E-Mail ID");

t6.requestFocus();

}

else if (s2.getSelectedItem().equals("Department")) {

Toast.makeText(getApplicationContext(), "Select Department", Toast.LENGTH\_SHORT).show();

}

else if (s3.getSelectedItem().equals("Batch")) {

Toast.makeText(getApplicationContext(), "Select Batch", Toast.LENGTH\_SHORT).show();

}

else if (s4.getSelectedItem().equals("Year")) {

Toast.makeText(getApplicationContext(), "Select Year", Toast.LENGTH\_SHORT).show();

}

else if (s5.getSelectedItem().equals("Degree")) {

Toast.makeText(getApplicationContext(), "Select Degree", Toast.LENGTH\_SHORT).show();

}

else

{

createUser l=new createUser();

l.execute(url);

}

}

});

b2 = (Button)findViewById(R.id.btn2);

b2.setOnClickListener(new View.OnClickListener()

{

public void onClick(View v)

{

Intent i = new Intent(getApplicationContext(),Students.class);

startActivity(i);

}

});

}

public class createUser extends AsyncTask<String, String, String>

{

protected void onPreExecute()

{

super.onPreExecute();

pd=new ProgressDialog(NewStudents.this);

pd.setMessage("Please Wait...");

pd.setMax(100);

pd.setCancelable(false);

pd.setIndeterminate(false);

pd.show();

rno=t1.getText().toString();

lpass=t2.getText().toString();

sname=t3.getText().toString();

gender=s1.getSelectedItem().toString();

dob=t4.getText().toString();

mno=t5.getText().toString();

email=t6.getText().toString();

department=s2.getSelectedItem().toString();

batch=s3.getSelectedItem().toString();

year=s4.getSelectedItem().toString();

degree=s5.getSelectedItem().toString();

//Random random = new Random();

//int otp = random.nextInt(10000);

//lpass=Integer.toString(otp);

}

protected String doInBackground(String... params)

{

List<NameValuePair> param=new ArrayList<NameValuePair>();

param.add(new BasicNameValuePair("rno",rno));

param.add(new BasicNameValuePair("lpass",lpass));

param.add(new BasicNameValuePair("sname",sname));

param.add(new BasicNameValuePair("gender",gender));

param.add(new BasicNameValuePair("dob",dob));

param.add(new BasicNameValuePair("mno",mno));

param.add(new BasicNameValuePair("email",email));

param.add(new BasicNameValuePair("department",department));

param.add(new BasicNameValuePair("batch",batch));

param.add(new BasicNameValuePair("year",year));

param.add(new BasicNameValuePair("degree",degree));

JSONParser jp=new JSONParser();

JSONObject obj=jp.makeHttpRequest(url, "POST", param);

Log.d("JSON", obj.toString());

try

{

final int s=obj.getInt("success");

Log.d("int", ""+s);

runOnUiThread( new Runnable()

{

public void run()

{

if(s==1)

{

//String msg="\n Transport:\nLogin Password:"+lpass+"\n";

//SmsManager smsManager = SmsManager.getDefault();

//smsManager.sendTextMessage(mno, null, msg, null, null);

Toast.makeText(getApplicationContext(), "Students Register Successfully", Toast.LENGTH\_SHORT).show();

Intent i=new Intent(getApplicationContext(), Students.class);

startActivity(i);

}

else if(s==2)

{

Toast.makeText(getApplicationContext(), "Students Already Registered...!", Toast.LENGTH\_SHORT).show();

Intent i=new Intent(getApplicationContext(), NewStudents.class);

startActivity(i);

}

else

{

Toast.makeText(getApplicationContext(), "Failed to Created", Toast.LENGTH\_SHORT).show();

Intent i=new Intent(getApplicationContext(), Students.class);

startActivity(i);

}

}

});

}

catch (JSONException e)

{

// TODO Auto-generated catch block

e.printStackTrace();

}

return null;

}

protected void onPostExecute(String result)

{

// TODO Auto-generated method stub

super.onPostExecute(result);

if(pd!=null && pd.isShowing())

pd.dismiss();

}

}

}

Students Login:

package com.example.examhallseatingallotment;

import java.util.ArrayList;

import java.util.HashMap;

import java.util.List;

import org.apache.http.NameValuePair;

import org.apache.http.message.BasicNameValuePair;

import org.json.JSONException;

import org.json.JSONObject;

import android.app.Activity;

import android.app.ProgressDialog;

import android.content.Intent;

import android.os.AsyncTask;

import android.os.Bundle;

import android.util.Log;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.Toast;

public class Students extends Activity {

EditText t1,t2;

Button b1,b2,b3;

String url=null,domain=null;

ProgressDialog pd;

String rno,lpass;

ArrayList<HashMap<String, String>> list;

JSONObject obj;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_students);

domain=getString(R.string.domainconfig);

url="http://"+domain+"/AExamHallSeatingAllotment/aLoginStudents.php";

t1=(EditText)findViewById(R.id.et1);

t2=(EditText)findViewById(R.id.et2);

b1=(Button)findViewById(R.id.btn1);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v)

{

if (t1.getText().toString().length() == 0) {

t1.setError("Enter Roll Number");

t1.requestFocus();

}

else if (t2.getText().toString().length() == 0) {

t2.setError("Enter Login Password");

t2.requestFocus();

}

else {

loginUser l=new loginUser();

l.execute(url);

}

}

});

b2=(Button)findViewById(R.id.btn2);

b2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent i=new Intent(getApplicationContext(),NewStudents.class);

startActivity(i);

}

});

b3=(Button)findViewById(R.id.btn3);

b3.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

Intent i=new Intent(getApplicationContext(),MainActivity.class);

startActivity(i);

}

});

}

public class loginUser extends AsyncTask<String, String, String>

{

protected void onPreExecute()

{

// TODO Auto-generated method stub

super.onPreExecute();

pd=new ProgressDialog(Students.this);

pd.setMessage("Please Wait...");

pd.setMax(100);

pd.setCancelable(false);

pd.setIndeterminate(false);

pd.show();

rno=t1.getText().toString();

lpass=t2.getText().toString();

}

protected String doInBackground(String... params)

{

// TODO Auto-generated method stub

List<NameValuePair> param=new ArrayList<NameValuePair>();

param.add(new BasicNameValuePair("rno",rno));

param.add(new BasicNameValuePair("lpass",lpass));

list=new ArrayList<HashMap<String,String>>();

JSONParser jp=new JSONParser();

obj=jp.makeHttpRequest(url, "POST", param);

Log.d("JSON", obj.toString());

runOnUiThread(new Runnable() {

@Override

public void run() {

// TODO Auto-generated method stub

try {

if(obj.getInt("success")==1){

String sid=obj.getString("sid").toString();

String rno=obj.getString("rno").toString();

String sname=obj.getString("sname").toString();

String mno=obj.getString("mno").toString();

String email=obj.getString("email").toString();

String department=obj.getString("department").toString();

String batch=obj.getString("batch").toString();

String year=obj.getString("year").toString();

String degree=obj.getString("degree").toString();

Toast.makeText(Students.this, "Welcome, "+sname,Toast.LENGTH\_LONG).show();

Intent i = new Intent(getApplicationContext(),SHome.class);

i.putExtra("sid",sid);

i.putExtra("rno",rno);

i.putExtra("sname",sname);

i.putExtra("mno",mno);

i.putExtra("email",email);

i.putExtra("department",department);

i.putExtra("batch",batch);

i.putExtra("year",year);

i.putExtra("degree",degree);

startActivity(i);

}

else {

Toast.makeText(Students.this, "Wrong Roll Number and Login Password...!",Toast.LENGTH\_LONG).show();

}

}

catch (JSONException e)

{

// TODO Auto-generated catch block

e.printStackTrace();

}

}

});

return null;

}

protected void onPostExecute(String result)

{

// TODO Auto-generated method stub

super.onPostExecute(result);

if(pd!=null && pd.isShowing())

pd.dismiss();

}

}

}