**SignUp \_With\_RestApi**

**// ( XML code)**

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

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

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

tools:context=".SignUpActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="SignUp"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="30dp"

android:textStyle="bold"

android:textSize="40dp"

android:id="@+id/tvsign"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="60dp"

android:layout\_below="@id/tvsign"

android:id="@+id/nameregister1"

android:hint="Enter Name Here"

android:layout\_marginTop="30dp"

android:padding="20dp"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="60dp"

android:layout\_below="@id/nameregister1"

android:id="@+id/emailregister1"

android:hint="Enter Email Here"

android:layout\_marginTop="30dp"

android:padding="20dp"/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="60dp"

android:layout\_below="@id/emailregister1"

android:id="@+id/passwordregister1"

android:hint="Enter password Here"

android:layout\_marginTop="30dp"

android:padding="20dp"/>

<Button

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="register"

android:layout\_below="@id/addressregister1"

android:layout\_centerHorizontal="true"

android:textStyle="bold"

android:id="@+id/register"/>

</RelativeLayout>

**//(create Interface here)**

@FormUrlEncoded

@POST("post\_api\_data.php")

Call<SignupModel>register(

@Field("name")String name,

@Field("email")String email,

@Field("password")String password

);

**// (create ResponseModel class Acording to your response)**

public class SignupModel {

private String msg;

public SignupModel() {

}

public SignupModel(String msg) {

this.msg = msg;

}

public String getMsg() {

return msg;

}

public void setMsg(String msg) {

this.msg = msg;

}

}

// (create Controler class in java)

public class SignControler {

private static String base\_url2 = "paste url here";

private static SignControler controler1;

Retrofit retrofit3;

public SignControler() {

retrofit3 = new Retrofit.Builder()

.baseUrl(base\_url2)

.addConverterFactory(GsonConverterFactory.create())

.build();

}

public static synchronized SignControler getInstance(){

if (controler1 == null)

controler1 = new SignControler();

return controler1;

}

ApiSet api2(){

return retrofit3.create(ApiSet.class);

}

**//( MainActivity .................)**

public class SignUpActivity extends AppCompatActivity {

Button register;

EditText nameregister1,emailregister1,passwordregister1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_sign\_up);

register = findViewById(R.id.register);

nameregister1 = findViewById(R.id.nameregister1);

emailregister1 = findViewById(R.id.emailregister1);

passwordregister1 = findViewById(R.id.passwordregister1);

register.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

//

data();

}

});

}

private void data() {

String name = nameregister1.getText().toString();

String email = emailregister1.getText().toString();

String password = passwordregister1.getText().toString();

String address = addressregister1.getText().toString();

String phone = phoneregister1.getText().toString();

if (name.isEmpty()){

nameregister1.setError("Enter name here");

nameregister1.requestFocus();

return;

}

if (email.isEmpty()){

emailregister1.setError("Enter email here");

emailregister1.requestFocus();

return;

}

if (password.isEmpty()){

passwordregister1.setError("Enter password here");

passwordregister1.requestFocus();

return;

}

else {

workregister(name,email,password,address,phone);

}

}

private void workregister(String name, String email, String password, String address, String phone) {

Call<SignupModel> call = SignControler.getInstance()

.api2().register(name,email,password,address,phone);

call.enqueue(new Callback<SignupModel>() {

@Override

public void onResponse(Call<SignupModel> call, Response<SignupModel> response) {

if (response.isSuccessful()){

SignupModel sign = response.body();

sign.getMsg();

Toast.makeText(SignUpActivity.this, "succesfully register", Toast.LENGTH\_SHORT).show();

}

}

@Override

public void onFailure(Call<SignupModel> call, Throwable t) {

Toast.makeText(SignUpActivity.this, "register Failed", Toast.LENGTH\_SHORT).show();

}

});

}

}

}