**package** com.example.rahul.ClubAutomation;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.TextView;  
  
**import** com.android.volley.Request;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.VolleyError;  
**import** com.android.volley.toolbox.StringRequest;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.rahul.ClubAutomation.MainActivity;  
  
**public class** MainActivity **extends** AppCompatActivity {  
  
 TextView **doorlock**;  
  
 TextView **tubelight1**;  
 TextView **tubelight2**;  
 TextView **tubelight3**;  
  
 TextView **fan1**;  
 TextView **fan2**;  
  
 TextView **txt**;  
  
 Button **bt1**;  
 Button **bt2**;  
 Button **bt3**;  
 Button **bt4**;  
 Button **bt5**;  
 Button **bt6**;  
 Button **bt7**;  
 Button **logOut**;  
  
 String **url** =**"http://13.58.188.112:3000/app/get\_all"**;  
 String **url1** =**"http://13.58.188.112:3000/app/update?name=doorlock&state=1"**;  
 String **url2** =**"http://13.58.188.112:3000/app/update?name=tubelight1&state=1"**;  
 String **url3** =**"http://13.58.188.112:3000/app/update?name=tubelight2&state=1"**;  
 String **url4** =**"http://13.58.188.112:3000/app/update?name=tubelight3&state=1"**;  
 String **url5** =**"http://13.58.188.112:3000/app/update?name=fan1&state=1"**;  
 String **url6** =**"http://13.58.188.112:3000/app/update?name=fan2&state=1"**;  
 String **res**=**""**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **doorlock**=(TextView)findViewById(R.id.***doorlock***);  
  
 **tubelight1**=(TextView)findViewById(R.id.***tubelight1***);  
 **tubelight2**=(TextView)findViewById(R.id.***tubelight2***);  
 **tubelight3**=(TextView)findViewById(R.id.***tubelight3***);  
  
 **fan1**=(TextView)findViewById(R.id.***fan1***);  
 **fan2**=(TextView)findViewById(R.id.***fan2***);  
  
 **txt**=(TextView)findViewById(R.id.***txt***);  
  
 **bt1**=(Button)findViewById(R.id.***bt1***);  
 **bt2**=(Button)findViewById(R.id.***bt2***);  
 **bt3**=(Button)findViewById(R.id.***bt3***);  
 **bt4**=(Button)findViewById(R.id.***bt4***);  
 **bt5**=(Button)findViewById(R.id.***bt5***);  
 **bt6**=(Button)findViewById(R.id.***bt6***);  
 **bt7**=(Button)findViewById(R.id.***bt7***);  
 **logOut**=(Button)findViewById(R.id.***logOut***);  
  
 **final** RequestQueue queue = Volley.*newRequestQueue*(**this**);  
 **final** String res1=**"\"doorlock\",\"status\":1"**;  
 **final** String res2=**"\"tubelight1\",\"status\":1"**;  
 **final** String res3=**"\"tubelight2\",\"status\":1"**;  
 **final** String res4=**"\"tubelight3\",\"status\":1"**;  
 **final** String res5=**"\"fan1\",\"status\":1"**;  
 **final** String res6=**"\"fan2\",\"status\":1"**;  
  
  
*// Request a string response from the provided URL.* **bt7**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 *// Display the first 500 characters of the response string.* **res**=response;  
 **if**(**res**.contains(res1))  
 {  
 **bt1**.setText(**"On"**);  
 }  
 **else** {  
 **bt1**.setText(**"Off"**);  
 }  
 **if**(**res**.contains(res2))  
 {  
 **bt2**.setText(**"On"**);  
 }  
 **else** {  
 **bt2**.setText(**"Off"**);  
 }  
 **if**(**res**.contains(res3))  
 {  
 **bt3**.setText(**"On"**);  
 }  
 **else** {  
 **bt3**.setText(**"Off"**);  
 }  
 **if**(**res**.contains(res4))  
 {  
 **bt4**.setText(**"On"**);  
 }  
 **else** {  
 **bt4**.setText(**"Off"**);  
 }  
 **if**(**res**.contains(res5))  
 {  
 **bt5**.setText(**"On"**);  
 }  
 **else** {  
 **bt5**.setText(**"Off"**);  
 }  
 **if**(**res**.contains(res6))  
 {  
 **bt6**.setText(**"On"**);  
 }  
 **else** {  
 **bt6**.setText(**"Off"**);  
 }  
 }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **res**=**"That didn't work"**;  
 }  
 });  
*// Add the request to the RequestQueue.* queue.add(stringRequest); }  
 });  
  
 **final** RequestQueue queue1 = Volley.*newRequestQueue*(**this**);  
  
 **bt1**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt1**.getText().equals(**"On"**))  
 {  
 **url1** =**"http://13.58.188.112:3000/app/update?name=doorlock&state=0"**;  
 }  
 **else** {  
 **url1** =**"http://13.58.188.112:3000/app/update?name=doorlock&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url1**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res1))  
 {  
 **bt1**.setText(**"On"**);  
 }  
 **else** {  
 **bt1**.setText(**"Off"**);  
 }  
 }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
 **bt2**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt2**.getText().equals(**"On"**))  
 {  
 **url2** =**"http://13.58.188.112:3000/app/update?name=tubelight1&state=0"**;  
 }  
 **else** {  
 **url2** =**"http://13.58.188.112:3000/app/update?name=tubelight1&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url2**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res2))  
 {  
 **bt2**.setText(**"On"**);  
 }  
 **else** {  
 **bt2**.setText(**"Off"**);  
 } }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
 **bt3**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt3**.getText().equals(**"On"**))  
 {  
 **url3** =**"http://13.58.188.112:3000/app/update?name=tubelight2&state=0"**;  
 }  
 **else** {  
 **url3** =**"http://13.58.188.112:3000/app/update?name=tubelight2&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url3**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res3))  
 {  
 **bt3**.setText(**"On"**);  
 }  
 **else** {  
 **bt3**.setText(**"Off"**);  
 } }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
  
 **bt4**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt4**.getText().equals(**"On"**))  
 {  
 **url4** =**"http://13.58.188.112:3000/app/update?name=tubelight3&state=0"**;  
 }  
 **else** {  
 **url4** =**"http://13.58.188.112:3000/app/update?name=tubelight3&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url4**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res4))  
 {  
 **bt4**.setText(**"On"**);  
 }  
 **else** {  
 **bt4**.setText(**"Off"**);  
 } }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
  
 **bt5**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt5**.getText().equals(**"On"**))  
 {  
 **url5** =**"http://13.58.188.112:3000/app/update?name=fan1&state=0"**;  
 }  
 **else** {  
 **url5** =**"http://13.58.188.112:3000/app/update?name=fan1&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url5**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res5))  
 {  
 **bt5**.setText(**"On"**);  
 }  
 **else** {  
 **bt5**.setText(**"Off"**);  
 } }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
  
 **bt6**.setOnClickListener(**new** View.OnClickListener() {  
 **public void** onClick(View v) {  
 **if**(**bt6**.getText().equals(**"On"**))  
 {  
 **url6** =**"http://13.58.188.112:3000/app/update?name=fan2&state=0"**;  
 }  
 **else** {  
 **url6** =**"http://13.58.188.112:3000/app/update?name=fan2&state=1"**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, **url6**,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **if**(response.contains(res6))  
 {  
 **bt6**.setText(**"On"**);  
 }  
 **else** {  
 **bt6**.setText(**"Off"**);  
 } }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **txt**.setText(**"Server Problem!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue1.add(stringRequest); }  
 });  
 **logOut**.setOnClickListener(**new** View.OnClickListener(){  
 @Override  
 **public void** onClick(View v) {  
 Intent intent=**new** Intent(MainActivity.**this**,LoginActivity.**class**);  
 MainActivity.**this**.startActivity(intent);  
 }  
 });  
 }  
}

**package** com.example.rahul.ClubAutomation;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
**import** android.widget.Toast;  
  
**import** com.android.volley.Request;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.VolleyError;  
**import** com.android.volley.toolbox.StringRequest;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.rahul.ClubAutomation.LoginActivity;  
  
**public class** LoginActivity **extends** AppCompatActivity {  
 Button **logIn**;  
 EditText **emailLogin**;  
 EditText **password**;  
 TextView **tv**;  
 Button **signIn**;  
  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_login***);  
 **tv** = (TextView) findViewById(R.id.***tv***);  
 **logIn** = (Button) findViewById(R.id.***logIn***);  
 **signIn** = (Button) findViewById(R.id.***signIn***);  
 **emailLogin** = (EditText) findViewById(R.id.***emailLogin***);  
 **password** = (EditText) findViewById(R.id.***password***);  
 **final** RequestQueue queue = Volley.*newRequestQueue*(**this**);  
 **logIn**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String url = **"http://13.58.188.112:3000/app/login?username="** + **emailLogin**.getText().toString() + **"&password="** + **password**.getText().toString();  
 **if**(**emailLogin**.getText().toString().length()==0 || **password**.getText().toString().length()==0)  
 {  
 Toast.*makeText*(LoginActivity.**this**, **"Please fill all the fields"**, Toast.***LENGTH\_SHORT***)  
 .show();  
 **return**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, url,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **tv**.setText(response);  
 **if** (response.toString().equals(**"Permission Granted"**)) {  
 Intent intent = **new** Intent(LoginActivity.**this**, MainActivity.**class**);  
 LoginActivity.**this**.startActivity(intent);  
 }  
 }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **tv**.setText(**"Please Enter Correct Username and Password"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue.add(stringRequest);  
 }  
 });  
 **signIn**.setOnClickListener(**new** View.OnClickListener(){  
 @Override  
 **public void** onClick(View v) {  
 Intent goToRegisterPage=**new** Intent(LoginActivity.**this**,Check.**class**);  
 LoginActivity.**this**.startActivity(goToRegisterPage);  
 }  
  
  
  
 });  
 }  
}

**package** com.example.rahul.ClubAutomation;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**import** com.android.volley.Request;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.VolleyError;  
**import** com.android.volley.toolbox.StringRequest;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.rahul.ClubAutomation.RegisterActivity;  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
 Button **register**;  
 EditText **username**;  
 EditText **email**;  
 EditText **newpassword**;  
 TextView **tvr**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
 **tvr** = (TextView) findViewById(R.id.***tvr***);  
 **username**=(EditText) findViewById(R.id.***username***);  
 **register** = (Button) findViewById(R.id.***register***);  
 **email** = (EditText) findViewById(R.id.***emailLogin***);  
 **newpassword** = (EditText) findViewById(R.id.***newpassword***);  
 **final** RequestQueue queue = Volley.*newRequestQueue*(**this**);  
  
 **register**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String url=**"http://13.58.188.112:3000/app/new\_user?name="**+**username**.getText().toString()+**"&username="**+**email**.getText().toString()+**"&password="**+**newpassword**.getText().toString();  
 **if**(**username**.getText().toString().length()==0 || **email**.getText().toString().length()==0 || **newpassword**.getText().toString().length()==0)  
 {  
 **tvr**.setText(**"Please fill all the fields"**);  
 **return**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, url,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **tvr**.setText(response);  
 **if**(response.toString().equals(**"Registerd succesfully"**))  
 {  
 Intent intent=**new** Intent(RegisterActivity.**this**,LoginActivity.**class**);  
 startActivity(intent);  
 }  
  
 }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **tvr**.setText(**"No Internet Connection!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue.add(stringRequest);  
 }  
 });  
 }  
}

**package** com.example.rahul.ClubAutomation;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**import** com.android.volley.Request;  
**import** com.android.volley.RequestQueue;  
**import** com.android.volley.Response;  
**import** com.android.volley.VolleyError;  
**import** com.android.volley.toolbox.StringRequest;  
**import** com.android.volley.toolbox.Volley;  
**import** com.example.rahul.ClubAutomation.RegisterActivity;  
  
**public class** RegisterActivity **extends** AppCompatActivity {  
 Button **register**;  
 EditText **username**;  
 EditText **email**;  
 EditText **newpassword**;  
 TextView **tvr**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_register***);  
 **tvr** = (TextView) findViewById(R.id.***tvr***);  
 **username**=(EditText) findViewById(R.id.***username***);  
 **register** = (Button) findViewById(R.id.***register***);  
 **email** = (EditText) findViewById(R.id.***emailLogin***);  
 **newpassword** = (EditText) findViewById(R.id.***newpassword***);  
 **final** RequestQueue queue = Volley.*newRequestQueue*(**this**);  
  
 **register**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String url=**"http://13.58.188.112:3000/app/new\_user?name="**+**username**.getText().toString()+**"&username="**+**email**.getText().toString()+**"&password="**+**newpassword**.getText().toString();  
 **if**(**username**.getText().toString().length()==0 || **email**.getText().toString().length()==0 || **newpassword**.getText().toString().length()==0)  
 {  
 **tvr**.setText(**"Please fill all the fields"**);  
 **return**;  
 }  
 StringRequest stringRequest = **new** StringRequest(Request.Method.***GET***, url,  
 **new** Response.Listener<String>() {  
 @Override  
 **public void** onResponse(String response) {  
 **tvr**.setText(response);  
 **if**(response.toString().equals(**"Registerd succesfully"**))  
 {  
 Intent intent=**new** Intent(RegisterActivity.**this**,LoginActivity.**class**);  
 startActivity(intent);  
 }  
  
 }  
 }, **new** Response.ErrorListener() {  
 @Override  
 **public void** onErrorResponse(VolleyError error) {  
 **tvr**.setText(**"No Internet Connection!"**);  
 }  
 });  
*// Add the request to the RequestQueue.* queue.add(stringRequest);  
 }  
 });  
 }  
}

**package** com.example.rahul.ClubAutomation;  
  
**import** android.content.Intent;  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
**import** com.example.rahul.ClubAutomation.Check;  
  
**public class** Check **extends** AppCompatActivity {  
 EditText **unip**;  
 Button **btv**;  
 String **s**=**"rsjg"**;  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_check***);  
 **unip** = (EditText) findViewById(R.id.***unip***);  
 **btv** = (Button) findViewById(R.id.***btv***);  
 **btv**.setOnClickListener(**new** View.OnClickListener(){  
 **public void** onClick(View v){  
 **if**(((Boolean)(**unip**.getText().toString()).equals(**s**))==**true**)  
 {  
 Intent intent=**new** Intent(Check.**this**,RegisterActivity.**class**);  
 Check.**this**.startActivity(intent);  
 }  
  
 }  
  
 });  
  
 }  
}

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/activity\_check"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:background="#819A34"  
 tools:context="com.example.rahul.ClubAutomation.Check"**>  
  
 <**Button  
 android:text="Verify"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/btv"  
 android:layout\_below="@+id/unip"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:id="@+id/unip"  
 android:hint=" Universal Password"  
 android:layout\_marginTop="132dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
</**RelativeLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/activity\_login"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.rahul.ClubAutomation.LoginActivity"  
 android:background="@drawable/andro"** >  
 //Link to the image https://drive.google.com/open?id=0ByjcKG7GwUiGdWxXS1Z5aWxxeE0  
 <**Button  
 android:text="Sign Up"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/signIn"  
 android:layout\_below="@+id/logIn"  
 android:layout\_alignLeft="@+id/logIn"  
 android:layout\_alignStart="@+id/logIn"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="32dp"  
 android:inputType="textPassword"  
 android:ems="10"  
 android:layout\_below="@+id/emailLogin"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginTop="19dp"  
 android:id="@+id/password"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 style="@android:style/Widget.AutoCompleteTextView"  
 android:hint="Password"  
 android:background="#9E9E9E"**/>  
  
 <**Button  
 android:id="@+id/logIn"  
 android:layout\_width="200dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/password"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="40dp"  
 android:text="Log In"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="25dp"  
 android:layout\_below="@+id/signIn"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="11dp"  
 android:gravity="center"  
 android:id="@+id/tv"** />  
  
 <**EditText  
 android:id="@+id/emailLogin"  
 style="@android:style/Widget.AutoCompleteTextView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="32dp"  
 android:ems="10"  
 android:hint="Username"  
 android:inputType="textEmailAddress"  
 android:background="#9E9E9E"  
 android:layout\_marginTop="66dp"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
  
</**RelativeLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/activity\_main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.rahul.ClubAutomation.MainActivity"  
 android:background="#819A34"**>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:id="@+id/doorlock"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:text="Appliance 1"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:text="Appliance 4"  
 android:ems="10"  
 android:id="@+id/tubelight3"  
 android:layout\_below="@+id/tubelight2"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:text="Appliance 3"  
 android:ems="10"  
 android:id="@+id/tubelight2"  
 android:layout\_below="@+id/tubelight1"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:text="Appliance 6"  
 android:ems="10"  
 android:layout\_below="@+id/fan1"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:id="@+id/fan2"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignBottom="@+id/tubelight3"  
 android:id="@+id/bt4"  
 android:layout\_below="@+id/bt3"  
 android:layout\_alignLeft="@+id/bt1"  
 android:layout\_alignStart="@+id/bt1"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt3"  
 android:layout\_below="@+id/bt2"  
 android:layout\_alignLeft="@+id/bt4"  
 android:layout\_alignStart="@+id/bt4"  
 android:layout\_above="@+id/tubelight3"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt2"  
 android:layout\_alignTop="@+id/tubelight1"  
 android:layout\_alignLeft="@+id/bt3"  
 android:layout\_alignStart="@+id/bt3"  
 android:layout\_above="@+id/tubelight2"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt5"  
 android:layout\_alignTop="@+id/fan1"  
 android:layout\_above="@+id/fan2"  
 android:layout\_alignLeft="@+id/bt4"  
 android:layout\_alignStart="@+id/bt4"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/txt"  
 android:layout\_marginTop="13dp"  
 android:layout\_below="@+id/fan2"  
 android:layout\_centerHorizontal="true"** />  
  
 <**Button  
 android:text="Log Out"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/logOut"  
 android:layout\_below="@+id/bt7"  
 android:layout\_alignRight="@+id/bt6"  
 android:layout\_alignEnd="@+id/bt6"  
 android:backgroundTint="#FFFFE0"**/>  
  
 <**Button  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt7"  
 android:layout\_marginTop="30dp"  
 android:text="Show Current States"  
 android:layout\_below="@+id/fan2"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:backgroundTint="#757575"**/>  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:text="Appliance 2"  
 android:ems="10"  
 android:id="@+id/tubelight1"  
 android:layout\_below="@+id/doorlock"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
  
 <**TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="40sp"  
 android:textSize="20sp"  
 android:inputType="textPersonName"  
 android:text="Appliance 5"  
 android:ems="10"  
 android:id="@+id/fan1"  
 android:layout\_below="@+id/tubelight3"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt6"  
 android:layout\_alignBottom="@+id/fan2"  
 android:layout\_alignLeft="@+id/bt5"  
 android:layout\_alignStart="@+id/bt5"  
 android:layout\_below="@+id/bt5"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 <**Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/bt1"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_above="@+id/bt2"  
 android:layout\_alignParentTop="true"** />  
  
</**RelativeLayout**>

*<?***xml version="1.0" encoding="utf-8"***?>*<**RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:id="@+id/activity\_register"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 android:background = "#819A34"  
 tools:context="com.example.rahul.ClubAutomation.RegisterActivity"**>  
  
 <**EditText  
 android:id="@+id/username"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_alignParentTop="true"  
 android:ems="10"  
 android:hint="Name"  
 android:inputType="textPersonName"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textEmailAddress"  
 android:ems="10"  
 android:layout\_below="@+id/username"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:id="@+id/emailLogin"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 android:hint="Username"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPassword"  
 android:ems="10"  
 android:layout\_below="@+id/emailLogin"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:id="@+id/newpassword"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 android:hint="Password"** />  
  
 <**Button  
 android:text="Register"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/newpassword"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:id="@+id/register"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"** />  
  
 <**TextView  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/tvr"  
 android:layout\_below="@+id/register"  
 android:layout\_centerHorizontal="true"** />  
</**RelativeLayout**>