

```
Activity_main.xml

1-text view
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity" >

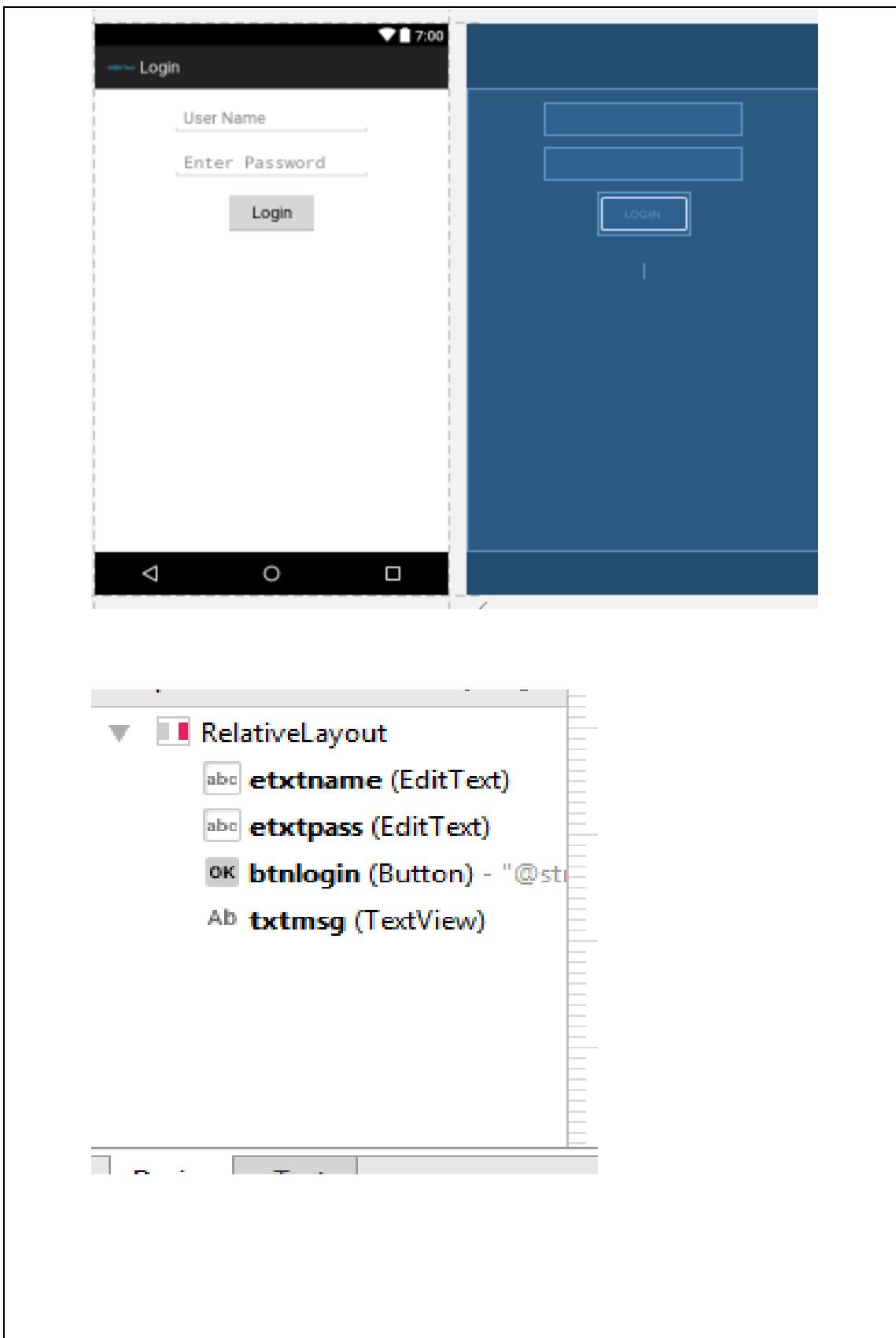
    <EditText
        android:id="@+id/etxtname"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_marginBottom="15dp"
        android:layout_marginTop="15dp"
        android:ems="10"
        android:hint="@string/user_name"
        android:inputType="textPersonName" />

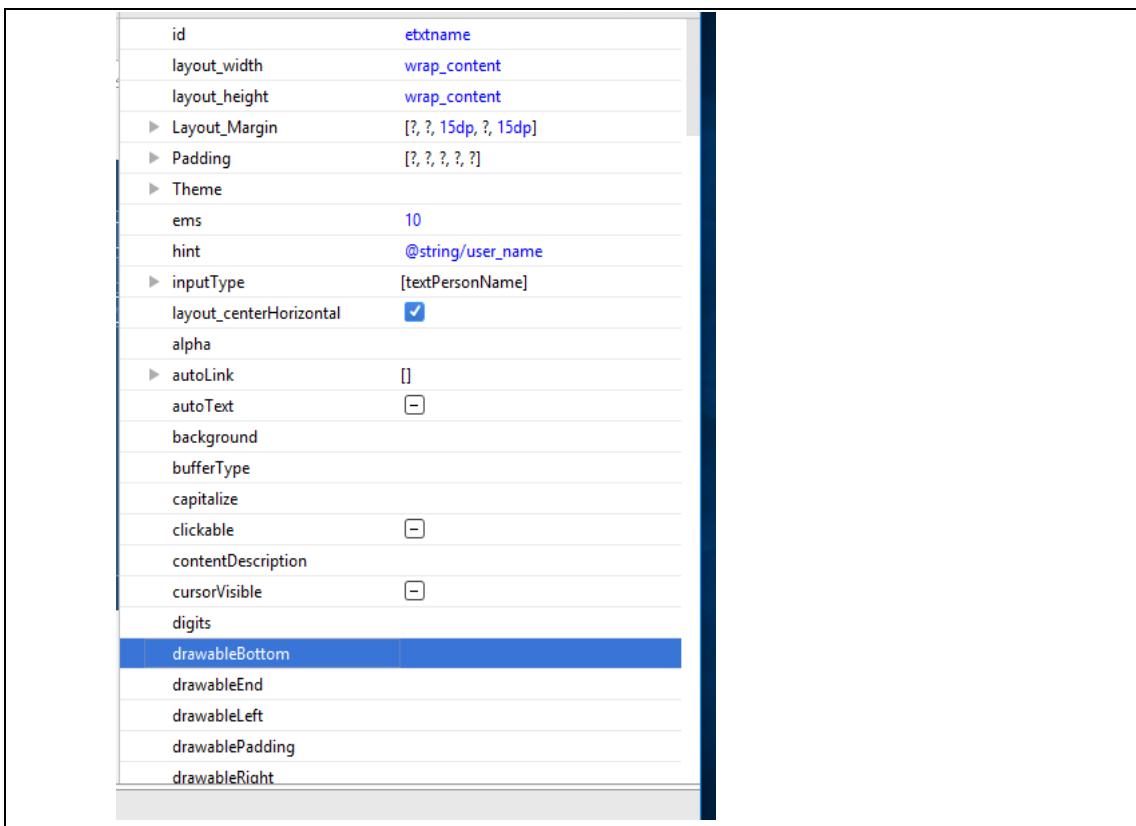
    <EditText
        android:id="@+id/etxtpass"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_alignTop="@+id/etxtname"
        android:layout_marginTop="50dp"
        android:ems="10"
        android:hint="@string/enter_password"
        android:inputType="textPassword" />

    <Button
        android:id="@+id	btnlogin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignTop="@+id/etxtpass"
        android:layout_marginTop="50dp"
        android:layout_centerHorizontal="true"
        android:minWidth="100dp"
        android:text="@string/login" />

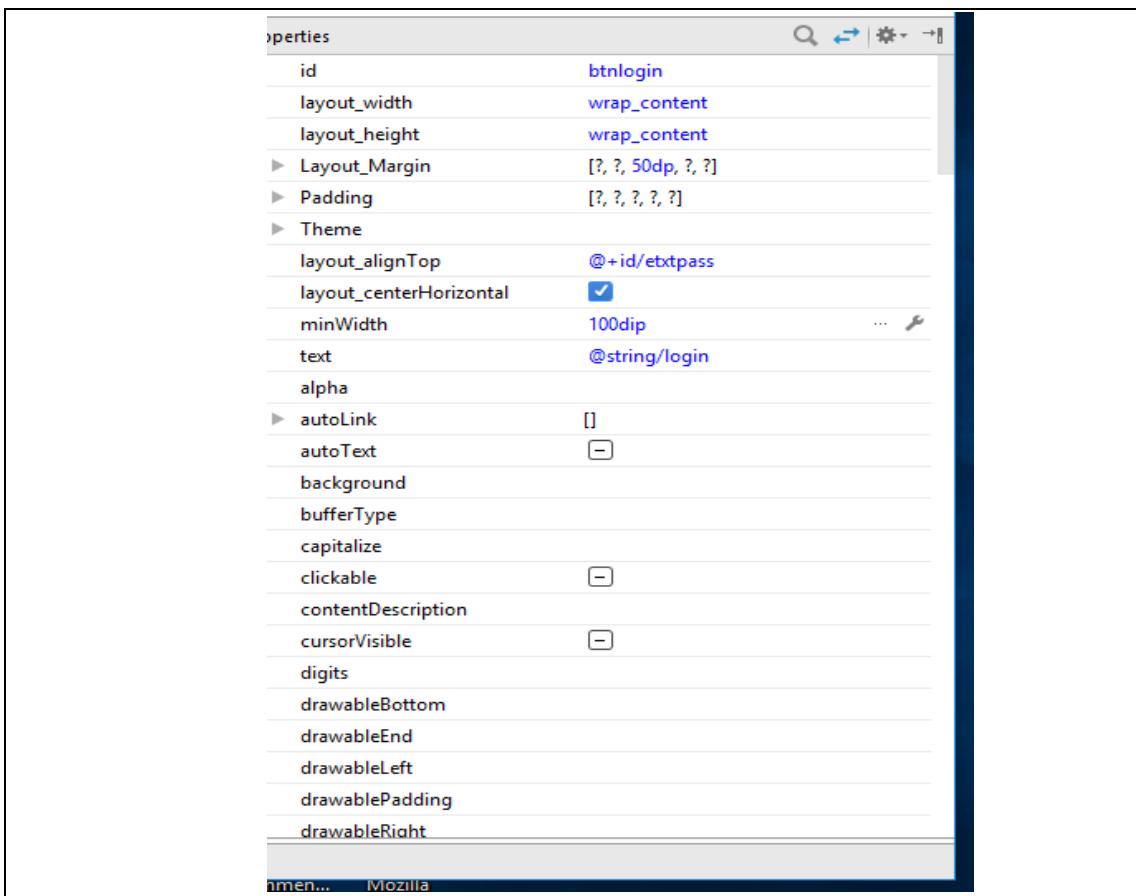
    <TextView
        android:id="@+id/txtmsg"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignTop="@+id	btnlogin"
        android:layout_marginTop="80dp"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true" />

</RelativeLayout>
2- design
```





id	etxtpass
layout_width	wrap_content
layout_height	wrap_content
► Layout_Margin	[?, ?, 50dp, ?, ?]
► Padding	[?, ?, ?, ?, ?]
► Theme	
ems	10
hint	@string/enter_password
► inputType	[textPassword]
layout_alignTop	@+id/etxtname
layout_centerHorizontal	<input checked="" type="checkbox"/>
alpha	
► autoLink	[]
autoText	<input type="button" value="-"/>
background	
bufferType	
capitalize	
clickable	<input type="button" value="-"/>
contentDescription	<input type="button" value="-"/>
cursorVisible	<input type="button" value="-"/>
digits	
drawableBottom	
drawableEnd	
drawableLeft	
drawablePadding	



The screenshot shows the Android Studio Properties panel for a TextView named 'txtmsg'. The properties listed include:

- id**: txtmsg
- layout_width**: wrap_content
- layout_height**: wrap_content
- Layout_Margin**: [?, ?, 80dp, ?, ?]
- Padding**: [?, ?, ?, ?, ?]
- Theme**
- layout_alignTop**: @+id(btnlogin)
- layout_centerHorizontal**: checked
- layout_centerVertical**: checked
- alpha**
- autoLink**: []
- autoText**: [-]
- background**
- bufferType**
- capitalize**
- clickable**: [-]
- contentDescription**
- cursorVisible**: [-]
- digits**
- drawableBottom**
- drawableEnd**
- drawableLeft**
- drawablePadding**
- drawableRight**
- drawableStart**

Below the properties panel is the Java code for the MainActivity:

```

package com.example.login;

import android.os.Bundle;
import android.app.Activity;
import android.view.Menu;
import android.view.View;
import android.view.View.OnClickListener;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;
import android.widget.Toast;

public class MainActivity extends Activity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        final EditText etxtpass = (EditText) findViewById(R.idetxtpass);
        final EditText etxtname = (EditText) findViewById(R.idetxtname);
        final Button btnlogin = (Button) findViewById(R.id.btnlogin);
        final TextView txtmsg = (TextView) findViewById(R.id.txtmsg);

        final String name = "yasmin maki";
        final String password = "yasmin";

        btnlogin.setOnClickListener(new OnClickListener()
        {
            @Override
        }
    }
}

```

```
public void onClick(View v)
{
    String sname = etxtname.getText().toString();
    String spass = etxtpass.getText().toString();

    if(sname.equals(name) && spass.equals(password))
    {
        etxtpass.setEnabled(false);
        etxtname.setEnabled(false);
        btnlogin.setEnabled(false);

        txtmsg.setText("Welcome at Mobile Application");
    }
    else
    {
        txtmsg.setText("Error "+sname+" "+spass);
    }

}
});
```