

```
1 package edu.seaaddicts.brockbutler;
2
3 import android.app.Activity;
4 import android.app.AlertDialog;
5 import android.content.DialogInterface;
6 import android.content.Intent;
7 import android.os.Bundle;
8 import android.view.Gravity;
9 import android.view.View;
10 import android.view.View.OnClickListener;
11 import android.widget.Button;
12 import android.widget.TextView;
13
14 public class LoginActivity extends Activity {
15     private Button mBtnLogin;
16     private Button mBtnSkip;
17     //private CheckBox mChkRemember;
18     //private CheckBox mChkSkip;
19
20     @Override
21     protected void onCreate(Bundle savedInstanceState) {
22         super.onCreate(savedInstanceState);
23         setContentView(R.layout.activity_login);
24         init();
25     }
26
27     @Override
28     public void onBackPressed() {
29         AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(this);
30         alertDialogBuilder.setTitle("Exit application?");
31         alertDialogBuilder
32             .setMessage(
33                 "Are you sure you want to exit and close BrockButler?"
34             )
35             .setCancelable(false)
36             .setPositiveButton("Yes",
37                 new DialogInterface.OnClickListener() {
38                     public void onClick(DialogInterface dialog, int id) {
39                         LoginActivity.this.finish();
40                     }
41                 })
42             .setNegativeButton("No", new DialogInterface.OnClickListener() {
43                 public void onClick(DialogInterface dialog, int id) {
44                     dialog.cancel();
45                 }
46             });
47         AlertDialog alertDialog = alertDialogBuilder.create();
48         alertDialog.show();
49
50
51 // Assigns Buttons and Checkboxes, as well as their functionalities, i.e.
52 // OnClickListener.
53 public void init() {
54
55     mBtnLogin = (Button) findViewById(R.id.btn_login_login);
56     mBtnSkip = (Button) findViewById(R.id.btn_login_skip);
57
58     //mChkRemember = (CheckBox) findViewById(R.id.chk_login_remember);
59     //mChkSkip = (CheckBox) findViewById(R.id.chk_login_skip);
60
61     mBtnLogin.setOnClickListener(new OnClickListener() {
62
63         public void onClick(View v) {
64
65             Intent i = new Intent(LoginActivity.this, MainActivity.class);
66             startActivity(i);
67         }
68     });
69     mBtnSkip.setOnClickListener(new OnClickListener() {
70
71         public void onClick(View v) {
```

```
72     TextView messageText = new TextView(LoginActivity.this);
73     messageText.setText(R.string.msg_skip);
74     messageText.setGravity(Gravity.FILL);
75     AlertDialog.Builder alertDialogBuilder = new AlertDialog.Builder(
76         LoginActivity.this);
77     alertDialogBuilder.setTitle("Skip login?");
78     alertDialogBuilder
79         .setView(messageText)
80         .setCancelable(false)
81         .setPositiveButton("Yes",
82             new DialogInterface.OnClickListener() {
83                 public void onClick(DialogInterface dialog,
84                     int id) {
85                     Intent i = new Intent(LoginActivity.this, MainActivity.class);
86                     startActivity(i);
87                 }
88             })
89         .setNegativeButton("No",
90             new DialogInterface.OnClickListener() {
91                 public void onClick(DialogInterface dialog,
92                     int id) {
93                     dialog.cancel();
94                 }
95             });
96     messageText.setGravity(Gravity.CENTER);
97     AlertDialog alertDialog = alertDialogBuilder.create();
98     alertDialog.show();
99 }
100 }));
101 }
102
103 }
104
```

```
1  package edu.seaaddicts.brockbutler;
2
3  import android.app.Activity;
4  import android.content.Intent;
5  import android.os.Bundle;
6  import android.view.View;
7  import android.view.View.OnClickListener;
8  import android.widget.Button;
9  import edu.seaaddicts.brockbutler.coursemanager.CourseManagerActivity;
10 import edu.seaaddicts.brockbutler.help.HelpActivity;
11 import edu.seaaddicts.brockbutler.maps.MapsActivity;
12 import edu.seaaddicts.brockbutler.scheduler.SchedulerActivity;
13 import edu.seaaddicts.brockbutler.tour.TourActivity;
14
15 public class MainActivity extends Activity {
16
17     private Button mSchedulerButton;
18     private Button mCourseManager;
19     private Button mMapsButton;
20     private Button mTourButton;
21     private Button mHelpButton;
22     View v[];
23
24     @Override
25     protected void onCreate(Bundle savedInstanceState) {
26         super.onCreate(savedInstanceState);
27         setContentView(R.layout.activity_main);
28         init();
29     }
30
31     private void init()
32     {
33         // Instantiate Buttons
34         mSchedulerButton = (Button) findViewById(R.id.btn_sched);
35         mCourseManager = (Button) findViewById(R.id.btn_contacts);
36         mMapsButton     = (Button) findViewById(R.id.btn_maps);
37         mTourButton     = (Button) findViewById(R.id.btn_tour);
38         mHelpButton     = (Button) findViewById(R.id.btn_help);
39
40         // Set OnClickListener
41         mSchedulerButton.setOnClickListener(new OnClickListener() {
42             public void onClick(View v) {
43                 Intent i = new Intent(MainActivity.this, SchedulerActivity.class);
44                 startActivity(i);
45             }
46         });
47         mCourseManager.setOnClickListener(new OnClickListener() {
48             public void onClick(View v) {
49                 Intent i = new Intent(MainActivity.this, CourseManagerActivity.class);
50                 startActivity(i);
51             }
52         });
53         mMapsButton.setOnClickListener(new OnClickListener() {
54             public void onClick(View v) {
55                 Intent i = new Intent(MainActivity.this, MapsActivity.class);
56                 startActivity(i);
57             }
58         });
59         mTourButton.setOnClickListener(new OnClickListener() {
60             public void onClick(View v) {
61                 Intent i = new Intent(MainActivity.this, TourActivity.class);
62                 startActivity(i);
63             }
64         });
65         mHelpButton.setOnClickListener(new OnClickListener() {
66             public void onClick(View v) {
67                 Intent i = new Intent(MainActivity.this, HelpActivity.class);
68                 Bundle bundle = new Bundle();
69                 bundle.putString("activity", "main");
70                 i.putExtras(bundle);
71                 startActivity(i);

```

```
72         }  
73     } ) ;  
74  
75     }  
76 }  
77
```

```
1 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
2   xmlns:tools="http://schemas.android.com/tools"
3   android:layout_width="match_parent"
4   android:layout_height="match_parent"
5   android:background="#000"
6   tools:context=".LoginActivity" >
7
8   <TextView
9       android:id="@+id/app_logo"
10      android:layout_width="wrap_content"
11      android:layout_height="wrap_content"
12      android:layout_margin="10dip"
13      android:text="@string/app_name"
14      android:textSize="30sp"
15      android:textStyle="bold" />
16
17   <TextView
18       android:id="@+id/app_logo2"
19       android:layout_width="wrap_content"
20       android:layout_height="wrap_content"
21       android:layout_margin="10dip"
22       android:layout_below="@id/app_logo"
23       android:text="@string/temp"
24       android:textSize="20sp"
25       android:textStyle="bold" />
26
27   <TableLayout
28       android:id="@+id/login_table"
29       android:layout_width="wrap_content"
30       android:layout_height="wrap_content"
31       android:layout_centerInParent="true" >
32
33       <LinearLayout
34           android:layout_width="fill_parent"
35           android:layout_height="wrap_content"
36           android:padding="10dip" >
37
38           <TextView
39               android:layout_width="wrap_content"
40               android:layout_height="wrap_content"
41               android:text="@string/login_email"
42               android:textSize="20sp" />
43
44           <EditText
45               android:id="@+id/login_email"
46               android:layout_width="200dip"
47               android:layout_height="wrap_content"
48               android:layout_marginLeft="45dip"
49               android:inputType="textEmailAddress" />
50       </LinearLayout>
51
52       <LinearLayout
53           android:layout_width="fill_parent"
54           android:layout_height="wrap_content"
55           android:padding="10dip" >
56
57           <TextView
58               android:layout_width="wrap_content"
59               android:layout_height="wrap_content"
60               android:text="@string/login_password"
61               android:textSize="20sp" />
62
63           <EditText
64               android:id="@+id/login_password"
65               android:layout_width="200dip"
66               android:layout_height="wrap_content"
67               android:layout_marginLeft="5dip"
68               android:inputType="textPassword" />
69       </LinearLayout>
70
71       <LinearLayout
```

```
72         android:layout_width="wrap_content"
73         android:layout_height="wrap_content"
74         android:padding="10dip" >
75
76         <Button
77             android:id="@+id/btn_login_login"
78             android:layout_width="150dip"
79             android:layout_height="wrap_content"
80             android:text="@string/login"
81             android:textSize="20sp" >
82     </Button>
83
84     <Button
85         android:id="@+id/btn_login_skip"
86         android:layout_width="150dip"
87         android:layout_height="wrap_content"
88         android:text="@string/login_skip"
89         android:textSize="20sp" >
90     </Button>
91 </LinearLayout>
92 </TableLayout>
93
94
95 <TextView
96     android:id="@+id/login_remember"
97     android:layout_width="wrap_content"
98     android:layout_height="wrap_content"
99     android:layout_below="@+id/login_table"
100    android:layout_marginLeft="16dp"
101    android:layout_marginTop="10dip"
102    android:layout_toRightOf="@+id/app_logo"
103    android:text="@string/login_remember" />
104
105 <CheckBox
106     android:id="@+id/chk_login_remember"
107     android:layout_width="wrap_content"
108     android:layout_height="wrap_content"
109     android:layout_alignBaseline="@+id/login_remember"
110     android:layout_alignBottom="@+id/login_remember"
111     android:layout_toRightOf="@+id/login_remember" />
112
113 <TextView
114     android:id="@+id/login_skip"
115     android:layout_width="wrap_content"
116     android:layout_height="wrap_content"
117     android:layout_below="@id/login_remember"
118     android:layout_marginTop="30dip"
119     android:layout_toRightOf="@+id/app_logo"
120
121     android:text="@string/login_skip_msg" />
122
123 <CheckBox
124     android:id="@+id/chk_login_skip"
125     android:layout_width="wrap_content"
126     android:layout_height="wrap_content"
127     android:layout_alignBaseline="@+id/login_skip"
128     android:layout_alignBottom="@+id/login_skip"
129     android:layout_toRightOf="@+id/login_remember" />
130
131 </RelativeLayout>
```

```
1  <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
2      xmlns:tools="http://schemas.android.com/tools"
3      android:layout_width="match_parent"
4      android:layout_height="match_parent"
5      tools:context=".MainActivity" >
6
7      <LinearLayout
8          android:id="@+id/main_icon_row1"
9          android:layout_width="wrap_content"
10         android:layout_height="wrap_content"
11         android:layout_marginTop="5sp"
12         android:layout_centerHorizontal="true"
13         android:orientation="horizontal" >
14
15         <Button
16             android:id="@+id/btn_sched"
17             android:layout_width="135sp"
18             android:layout_height="135sp"
19             android:layout_margin="15sp"
20             android:contentDescription="@string/contentdesc"
21             android:background="@drawable/ic_scheduler" />
22
23         <Button
24             android:id="@+id/btn_contacts"
25             android:layout_width="135sp"
26             android:layout_height="135sp"
27             android:layout_margin="15sp"
28             android:contentDescription="@string/contentdesc"
29             android:background="@drawable/ic_course" />
30     </LinearLayout>
31
32     <LinearLayout
33         android:id="@+id/main_icon_row2"
34         android:layout_width="wrap_content"
35         android:layout_height="wrap_content"
36         android:layout_centerInParent="true"
37         android:orientation="horizontal" >
38
39         <Button
40             android:id="@+id/btn_maps"
41             android:layout_width="135sp"
42             android:layout_height="135sp"
43             android:layout_margin="15sp"
44             android:contentDescription="@string/contentdesc"
45             android:background="@drawable/ic_maps" />
46
47         <Button
48             android:id="@+id/btn_tour"
49             android:layout_width="135sp"
50             android:layout_height="135sp"
51             android:layout_margin="15sp"
52             android:contentDescription="@string/contentdesc"
53             android:background="@drawable/ic_tour" />
54     </LinearLayout>
55
56     <LinearLayout
57         android:id="@+id/main_icon_row3"
58         android:layout_width="wrap_content"
59         android:layout_height="wrap_content"
60         android:layout_centerHorizontal="true"
61         android:layout_alignParentBottom="true"
62         android:orientation="horizontal" >
63
64         <Button
65             android:id="@+id/btn_help"
66             android:layout_width="135sp"
67             android:layout_height="135sp"
68             android:layout_marginBottom="15sp"
69             android:contentDescription="@string/contentdesc"
70             android:background="@drawable/ic_help" />
71     </LinearLayout>
```

```
72  
73     </RelativeLayout>
```