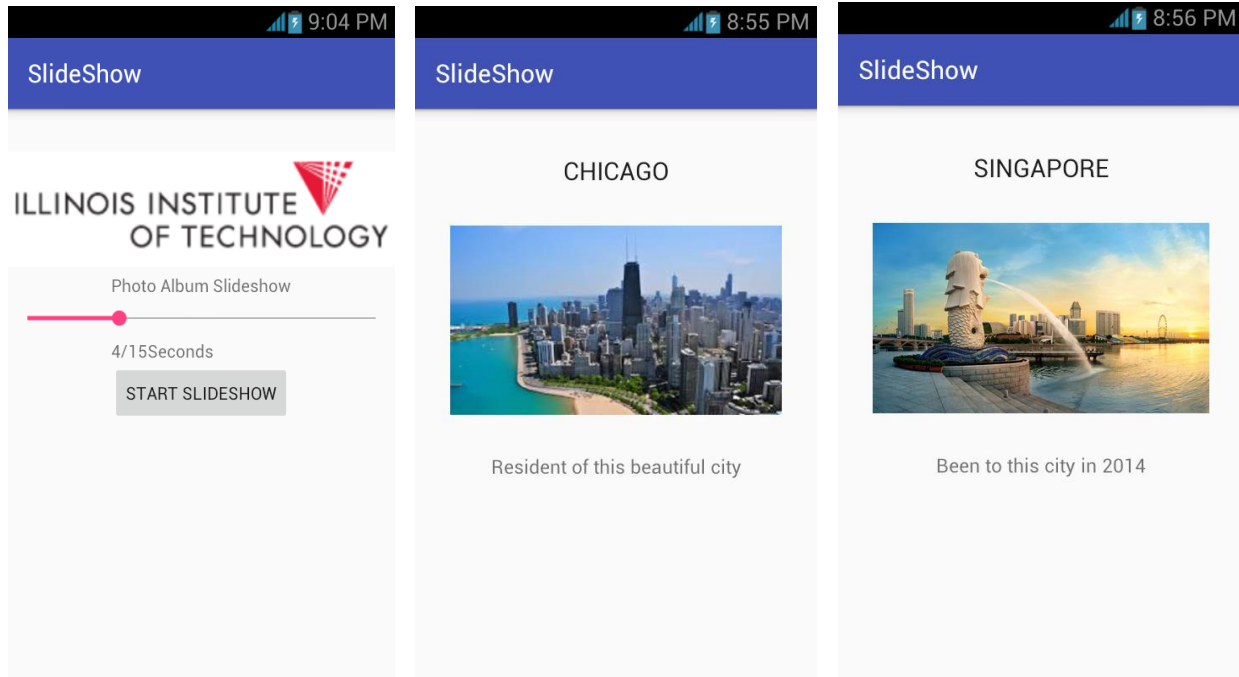


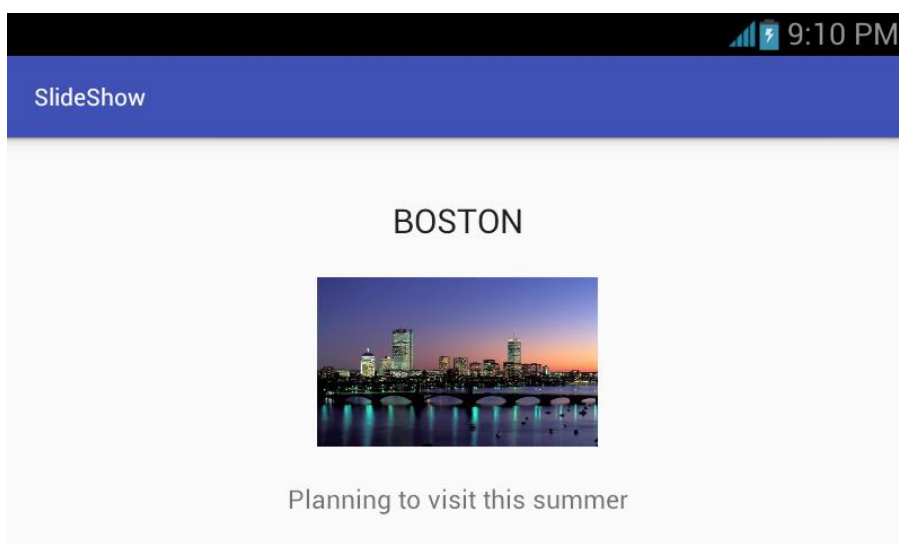
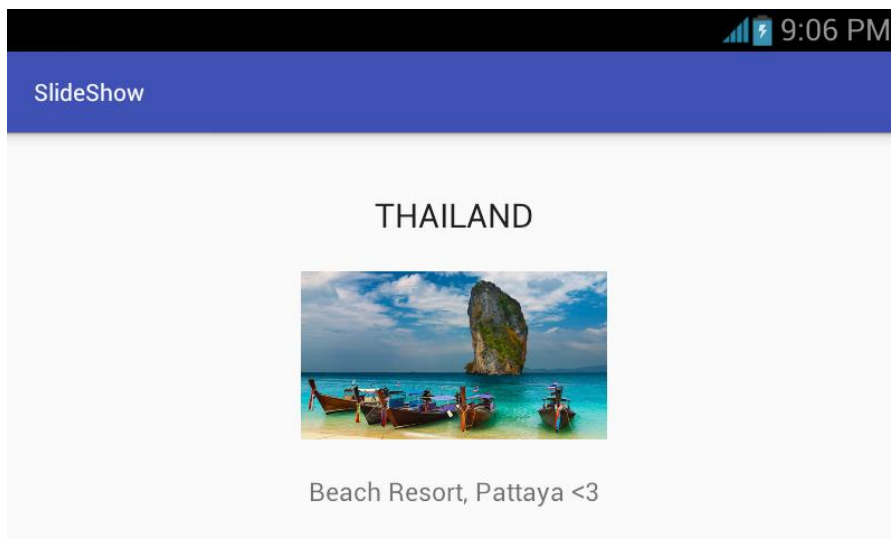
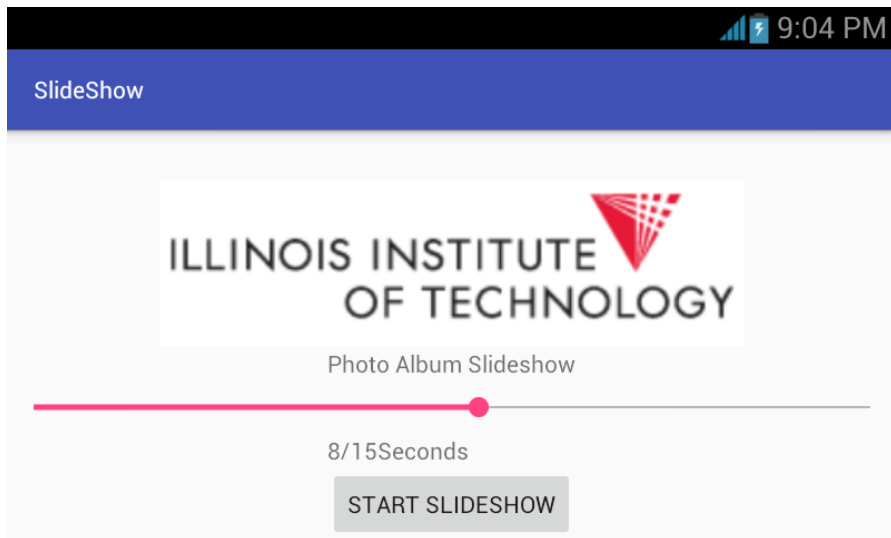
ITMD 555 Homework 5 – Slide Show

Screenshots:

Vertical screenshot



Landscape view



Source code:

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.shruti.slideshow">

    <application
        android:largeHeap="true"
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/AppTheme">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <activity android:name=".My2ndActivity"></activity>
    </application>

</manifest>
```

Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<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="com.example.shruti.slideshow.MainActivity">

    <ImageView
        android:layout_width="150dp"
        android:layout_height="100dp"
        android:layout_alignParentTop="true"
        android:layout_marginTop="30dp"
        android:id="@+id/imageView"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"
        android:src="@drawable/logo" />

    <SeekBar
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:id="@+id/seekbar"
        android:indeterminate="false"
        android:max="15"
        android:layout_below="@id/imageView"
        android:layout_marginTop="20dp"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"/>
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/progresstext"
    android:layout_below="@id/seekbar"
    android:layout_alignLeft="@+id/button1"
    android:layout_alignStart="@+id/button1"
    android:layout_alignRight="@+id/button1"
    android:layout_alignEnd="@+id/button1"
    android:textAlignment="center"/>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Start Slideshow"

    android:id="@+id/button1"
    android:layout_below="@id/progresstext"
    android:layout_centerHorizontal="true"/>
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Photo Album Slideshow"
    android:id="@+id/textView"
    android:layout_below="@+id/imageView"
    android:layout_centerHorizontal="true"/>

</RelativeLayout>
Activity_2nd.xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:orientation="vertical"
    android:layout_width="match_parent"
    android:layout_height="match_parent">
    <TextView
        android:layout_width="200dp"
        android:layout_height="wrap_content"
        android:textAppearance="@style/TextAppearance.AppCompat.Large"
        android:id="@+id/heading"
        android:gravity="center_horizontal"
        android:textSize="20dp"
        android:textAllCaps="true"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="35dp"
        android:textAlignment="center"/>
    <ImageView
        android:layout_width="150dp"
        android:layout_height="100dp"
        android:layout_marginTop="20dp"
        android:id="@+id/image"
        android:layout_below="@id/heading"
        android:layout_alignParentLeft="true"
        android:layout_alignParentStart="true"
        android:layout_alignParentRight="true"
        android:layout_alignParentEnd="true"/>
    <TextView
        android:layout_width="280dp"
        android:layout_height="wrap_content"
        android:textAppearance="@style/TextAppearance.AppCompat.Medium"
        android:id="@+id/description"
        android:gravity="center_horizontal"
```

```
        android:textSize="15dp"
        android:layout_marginTop="20dp"
        android:textAlignment="center"
        android:layout_below="@id/image"
        android:layout_centerHorizontal="true"/>
```

```
</RelativeLayout>
```

MainActivity.java

```
package com.example.shruti.slideshow;

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.SeekBar;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {
    public SeekBar seekBar;
    Button Click;
    public TextView progresscomp;
    int progress;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Click = (Button)findViewById(R.id.button1);
        seekBar = (SeekBar)findViewById(R.id.seekbar);
        progresscomp = (TextView)findViewById(R.id.progresstext);

        seekBar.setOnSeekBarChangeListener(new SeekBar.OnSeekBarChangeListener() {
            @Override
            public void onProgressChanged(SeekBar seekBar, int progressValue, boolean
fromUser) {
                progress=progressValue;
                progresscomp.setText(progress + "/" + (seekBar.getMax()) + "Seconds");
            }

            @Override
            public void onStartTrackingTouch(SeekBar seekBar) {

            }

            @Override
            public void onStopTrackingTouch(SeekBar seekBar) {
                progresscomp.setText(progress + "/" + (seekBar.getMax()) + "Seconds");
            }
        });
        Click.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(getApplicationContext(),
My2ndActivity.class);
                intent.putExtra("Progress",progress);
                startActivity(intent);
            }
        });
    }
}
```

```
}  
}
```

My2ndActivity.java

```
package com.example.shruti.slideshow;  
  
import android.os.Bundle;  
import android.os.Handler;  
import android.support.v7.app.AppCompatActivity;  
import android.util.Log;  
import android.widget.ImageView;  
import android.widget.TextView;  
  
/**  
 * Created by shruti on 2/24/2018.  
 */  
  
public class My2ndActivity extends AppCompatActivity {  
  
    private Bundle extras;  
    private long timer;  
    private int time;  
  
    private ImageView imageView;  
    private TextView head;  
    private TextView desc;  
    private Handler customHandler = new Handler();  
  
    Integer[] images = new Integer[]{  
        R.drawable.boston, R.drawable.chicago, R.drawable.california,  
        R.drawable.delhi, R.drawable.london,  
        R.drawable.mumbai, R.drawable.paris, R.drawable.singapore,  
        R.drawable.thailand, R.drawable.toronto  
    };  
    String[] description = new String[]{  
        "Planning to visit this summer", "Resident of this beautiful city", "City  
of IT hub", "Capital of India famous for shopping", "Planning to visit in October",  
        "City of Indian Chats", "French Food and WINE!", "Been to this city in  
2014", "Beach Resort, Pattaya <3", "Wanna visit to view Niagra falls"  
    };  
    String[] heading = new String[]{  
        "Boston", "Chicago", "California", "Delhi", "London", "Mumbai",  
        "Paris", "Singapore", "Thailand", "Toronto"  
    };  
  
    private int i = 0;  
  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.activity_2nd);  
        try {  
            extras = getIntent().getExtras();  
            time = extras.getInt("progress");  
  
            imageView = (ImageView) findViewById(R.id.image);  
            head = (TextView) findViewById(R.id.heading);  
            desc = (TextView) findViewById(R.id.description);  
            customHandler.postDelayed(runnable, time * 1000);  
        } catch (Exception ex) {
```

```
        Log.d("EX0001", ex.getMessage());
    }
}

private Runnable runnable = new Runnable() {
    @Override
    public void run() {
        if (i < images.length) {
            imageView.setImageResource(images[i]);
            head.setText(heading[i]);
            desc.setText(description[i]);
            i++;
        }
        if (i == images.length) {
            i = 0;
        }
        customHandler.postDelayed(this, time * 1000);
    }
};
@Override
protected void onResume() {
    super.onResume();
}
@Override
protected void onPause() {
    super.onPause();
}
@Override
protected void onStart() {
    super.onStart();
}
@Override
protected void onDestroy() {
    super.onDestroy();
}
}
```