**GUITAR NOTeTUNER**

Guitar Notetuner is a very handy android application ,basic purpose of which is for people who have acoustics. It has highly amplified Major standard notes, which makes it very useful and easily recognizable Note based Tuner. It uses Simple and easy to understand interface for guitar players.

It contain a home screen containing the HELP and TUNER Starter option. The help section describe how the app has to be used;And the tuner takes you to the main tuner interface.

**INSTRUCTION TO USE-**

It works like a classic guitar tuner.It contains buttons for each standard open string notebaly-E A D G B e.

Clicking the play button will make the corresponding note play and will keep playing until u hit the pause button.

Similarly all the strings can be tuned.

**CHARACTERSTICS-**

1)It provide a simple interface tuning.

2)It is a small app thus consuming less memory.

3)It is loaded with boosted notes which makes them audible.

4)The play button helps in continuous play for the note.

**CODE-**

MainActivity-

package piano.piano;

import android.app.Activity;

import android.content.Intent;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.view.View;

import android.widget.Toast;

public class PianoPlayerActivity extends Activity {

/\*\* Called when the activity is first created. \*/

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.main);

}

public void click(View V) {

switch(V.getId())

{

case R.id.button2:

Intent i=new Intent(this,Help.class);

startActivity(i);

break;

case R.id.button1:

Intent ii=new Intent(this,Next.class);

startActivity(ii);

break;

}

}

}

NextActivity-

package piano.piano;

import android.app.Activity;

import android.media.MediaPlayer;

import android.os.Bundle;

import android.view.View;

import android.widget.Toast;

public class Next extends Activity{

MediaPlayer media;

@Override

protected void onCreate(Bundle savedInstanceState) {

// TODO Auto-generated method stub

super.onCreate(savedInstanceState);

setContentView(R.layout.tuner);

}

public void click(View V) {

switch(V.getId())

{

case R.id.imageView1:

Toast.makeText(this, "E", Toast.LENGTH\_SHORT).show();

media=MediaPlayer.create(this, R.raw.e);

media.start();

media.setLooping(true);

break;

case R.id.imageView2:

media.stop();

break;

case R.id.imageView3:

media=MediaPlayer.create(this, R.raw.a);

media.start();

media.setLooping(true);

break;

case R.id.imageView4:

media.stop();

break;

case R.id.imageView5:

media=MediaPlayer.create(this, R.raw.d);

media.start();

media.setLooping(true);

break;

case R.id.imageView6:

media.stop();

break;

case R.id.imageView7:

media=MediaPlayer.create(this, R.raw.g);

media.start();

media.setLooping(true);

break;

case R.id.imageView8:

media.stop();

break;

case R.id.imageView9:

media=MediaPlayer.create(this, R.raw.b);

media.start();

media.setLooping(true);

break;

case R.id.imageView10:

media.stop();

break;

case R.id.imageView11:

media=MediaPlayer.create(this, R.raw.e);

media.start();

media.setLooping(true);

break;

case R.id.imageView12:

media.stop();

break;

}

}

}

Help Activity-

package piano.piano;

import android.app.Activity;

import android.os.Bundle;

public class Help extends Activity {

@Override

protected void onCreate(Bundle savedInstanceState) {

// TODO Auto-generated method stub

setContentView(R.layout.help);

super.onCreate(savedInstanceState);

}

}

Main XML-

<?xml version=*"1.0"* encoding=*"utf-8"*?>

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

android:layout\_width=*"match\_parent"*

android:layout\_height=*"match\_parent"*

android:background=*"@drawable/logo"*

android:orientation=*"vertical"* >

<RelativeLayout

android:id=*"@+id/relativeLayout1"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_weight=*"0.65"* >

<Button

android:id=*"@+id/button1"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_alignParentTop=*"true"*

android:layout\_centerHorizontal=*"true"*

android:layout\_marginTop=*"150dp"*

android:onClick=*"click"*

android:text=*"Tuner Your Guitar"*

/>

<Button

android:id=*"@+id/button2"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_below=*"@+id/button1"*

android:layout\_centerHorizontal=*"true"*

android:layout\_marginTop=*"46dp"*

android:onClick=*"click"*

android:text=*"HELP"*

/>

</RelativeLayout>

</LinearLayout>

Help XML-

<?xml version=*"1.0"* encoding=*"utf-8"*?>

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

android:layout\_width=*"match\_parent"*

android:layout\_height=*"match\_parent"* >

<TextView

android:id=*"@+id/textView1"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_alignParentLeft=*"true"*

android:layout\_alignParentTop=*"true"*

android:layout\_marginTop=*"16dp"*

android:text=*"Clicking the play button will make the corresponding note play."*

android:textAppearance=*"?android:attr/textAppearanceLarge"* />

<TextView

android:id=*"@+id/textView2"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_alignParentLeft=*"true"*

android:layout\_below=*"@+id/textView1"*

android:layout\_marginTop=*"26dp"*

android:text=*"It will keep playing until u hit the pause button."*

android:textAppearance=*"?android:attr/textAppearanceLarge"* />

<TextView

android:id=*"@+id/textView3"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_alignParentLeft=*"true"*

android:layout\_centerVertical=*"true"*

android:text=*"Similarly all the strings can be tuned."*

android:textAppearance=*"?android:attr/textAppearanceLarge"* />

<TextView

android:id=*"@+id/textView4"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:layout\_below=*"@+id/textView3"*

android:layout\_centerHorizontal=*"true"*

android:layout\_marginTop=*"84dp"*

android:text=*"Njoy The Tuner"*

android:textAppearance=*"?android:attr/textAppearanceLarge"* />

</RelativeLayout>

Tuner.XML-

<?xml version=*"1.0"* encoding=*"utf-8"*?>

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

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"fill\_parent"*

android:orientation=*"vertical"*

android:background=*"#fff"*>

<TextView

android:id=*"@+id/textView1"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"NOTeTUNER"*

android:layout\_marginLeft=*"86dp"*

android:textColor=*"#000"*

android:textAppearance=*"?android:attr/textAppearanceLarge"* />

<LinearLayout

android:id=*"@+id/linearLayout1"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"30dp"* >

<TextView

android:id=*"@+id/textView2"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"E String"*

android:textColor=*"#000"*

android:layout\_marginLeft=*"10dp"*

android:textAppearance=*"?android:attr/textAppearanceMedium"*

android:layout\_weight=*"1"*/>

<ImageView

android:id=*"@+id/imageView1"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:src=*"@drawable/play"*

android:clickable=*"true"*

android:onClick=*"click"*

/>

<ImageView

android:id=*"@+id/imageView2"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:src=*"@drawable/pause"*

android:clickable=*"true"*

android:onClick=*"click"*/>

</LinearLayout>

<LinearLayout

android:id=*"@+id/linearLayout2"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"27dp"* >

<TextView

android:id=*"@+id/textView3"*

android:layout\_marginLeft=*"10dp"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"A String"*

android:textColor=*"#000"*

android:textAppearance=*"?android:attr/textAppearanceMedium"*

android:layout\_weight=*"1"*/>

<ImageView

android:id=*"@+id/imageView3"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:src=*"@drawable/play2"*

android:clickable=*"true"*

android:onClick=*"click"*/>

<ImageView

android:id=*"@+id/imageView4"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:src=*"@drawable/pause2"*

android:clickable=*"true"*

android:onClick=*"click"* />

</LinearLayout>

<LinearLayout

android:id=*"@+id/linearLayout3"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"27dp"*>

<TextView

android:id=*"@+id/textView4"*

android:layout\_marginLeft=*"10dp"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"D String"*

android:textColor=*"#000"*

android:textAppearance=*"?android:attr/textAppearanceMedium"*

android:layout\_weight=*"1"*

/>

<ImageView

android:id=*"@+id/imageView5"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:src=*"@drawable/play3"*

android:layout\_marginLeft=*"38dp"*

android:clickable=*"true"*

android:onClick=*"click"* />

<ImageView

android:id=*"@+id/imageView6"*

android:layout\_width=*"20dp"*

android:layout\_marginLeft=*"10dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:clickable=*"true"*

android:onClick=*"click"*

android:src=*"@drawable/pause3"* />

</LinearLayout>

<LinearLayout

android:id=*"@+id/linearLayout4"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"27dp"*>

<TextView

android:id=*"@+id/textView5"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"G String"*

android:textAppearance=*"?android:attr/textAppearanceMedium"*

android:layout\_weight=*"1"*

android:layout\_marginLeft=*"10dp"*

android:textColor=*"#000"*

/>

<ImageView

android:id=*"@+id/imageView7"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:src=*"@drawable/play4"*

android:clickable=*"true"*

android:onClick=*"click"* />

<ImageView

android:id=*"@+id/imageView8"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:clickable=*"true"*

android:onClick=*"click"*

android:src=*"@drawable/pause4"* />

</LinearLayout>

<LinearLayout

android:id=*"@+id/linearLayout5"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"27dp"*>

<TextView

android:layout\_marginLeft=*"10dp"*

android:id=*"@+id/textView6"*

android:layout\_width=*"wrap\_content"*

android:layout\_height=*"wrap\_content"*

android:text=*"B String"*

android:textColor=*"#000"*

android:layout\_weight=*"1"*

android:textAppearance=*"?android:attr/textAppearanceMedium"* />

<ImageView

android:id=*"@+id/imageView9"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:clickable=*"true"*

android:onClick=*"click"*

android:src=*"@drawable/play5"* />

<ImageView

android:id=*"@+id/imageView10"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:src=*"@drawable/pause5"*

android:clickable=*"true"*

android:onClick=*"click"* />

</LinearLayout>

<LinearLayout

android:id=*"@+id/linearLayout6"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"wrap\_content"*

android:layout\_marginTop=*"27dp"* >

<TextView

android:id=*"@+id/textView7"*

android:layout\_width=*"wrap\_content"*

android:layout\_marginLeft=*"10dp"*

android:layout\_height=*"wrap\_content"*

android:text=*"e String"*

android:textColor=*"#000"*

android:layout\_weight=*"1"*

android:textAppearance=*"?android:attr/textAppearanceMedium"* />

<ImageView

android:id=*"@+id/imageView11"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*"0.22"*

android:src=*"@drawable/play6"*

android:clickable=*"true"*

android:onClick=*"click"*/>

<ImageView

android:id=*"@+id/imageView12"*

android:layout\_width=*"20dp"*

android:layout\_height=*"match\_parent"*

android:layout\_weight=*".22"*

android:clickable=*"true"*

android:onClick=*"click"*

android:src=*"@drawable/pause6"* />

</LinearLayout>

</LinearLayout>