

## P#2 Scroll View

### Java file:

```
package com.example.laligascore;

import androidx.appcompat.app.AppCompatActivity;

import android.graphics.drawable.Drawable;
import android.media.Image;
import android.os.Bundle;
import android.text.Editable;
import android.text.TextWatcher;
import android.view.View;
import android.widget.EditText;
import android.widget.HorizontalScrollView;
import android.widget.ImageView;
import android.widget.LinearLayout;
import android.widget.RelativeLayout;
import android.widget.ScrollView;
import android.widget.TextView;

import com.google.android.material.button.MaterialButton;

import android.view.inputmethod.InputMethodManager;
import android.content.Context;

public class MainActivity extends AppCompatActivity {

    private EditText shothome,shotaway,sothome,sotaway,poshome,posaway;

    private EditText foulhome,foulaway,ychome,ycaway,rchome,rcaway;

    private MaterialButton clearbtn,submitbtn;

    private MaterialButton homeplusbtn,homeminusbtn,awayplusbtn,awayminusbtn;

    private int homescore = 0;
    private int awayscore= 0;
```

@Override

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

    //textView & EditText
    EditText shothome = findViewById(R.id.shothome);
    EditText shotaway = findViewById(R.id.shotaway);
    EditText sothome = findViewById(R.id.sothome);
    EditText sotaway = findViewById(R.id.sotaway);
    EditText poshome = findViewById(R.id.poshome);
    EditText posaway = findViewById(R.id.posaway);
    EditText foulhome = findViewById(R.id.foulhome);
    EditText foulaway = findViewById(R.id.foulaway);
    EditText ychome = findViewById(R.id.ychome);
    EditText ycaway = findViewById(R.id.ycaway);
    EditText rchome = findViewById(R.id.rchome);
    EditText rcaway = findViewById(R.id.rcaway);

    EditText homescoretv = findViewById(R.id.homescoretv);
    EditText awayscoretv = findViewById(R.id.awayscoretv);

    homescoretv.setText(String.valueOf(homescore));
    awayscoretv.setText(String.valueOf(awayscore));

    //buttons
    clearbtn = findViewById(R.id.clearbtn);
    submitbtn = findViewById(R.id.submitbtn);
    homeplusbtn = findViewById(R.id.homeplusbtn);
    homeminusbtn = findViewById(R.id.homeminusbtn);
    awayplusbtn = findViewById(R.id.awayplusbtn);
    awayminusbtn = findViewById(R.id.awayminusbtn);

    //Layouts and others
    View rootView = findViewById(android.R.id.content);
    RelativeLayout rootLayout = findViewById(R.id.rootLayout);
    ImageView homeSelectedLogo = findViewById(R.id.homeSelectedLogo);
    ImageView awaySelectedLogo = findViewById(R.id.awaySelectedLogo);
    HorizontalScrollView homesv = findViewById(R.id.homesv);
    HorizontalScrollView awaysv = findViewById(R.id.awaysv);
    LinearLayout teamscrollview = findViewById(R.id.teamscrollview);
    LinearLayout awayTeamContainer = findViewById(R.id.awayTeamContainer);
    LinearLayout homeTeamContainer = findViewById(R.id.homeTeamContainer);
    LinearLayout homeSelectedLayout = findViewById(R.id.homeSelectedLayout);
```

```
LinearLayout awaySelectedLayout = findViewById(R.id.awaySelectedLayout);
```

```
//possession
// Add a TextWatcher to the home possession EditText
poshome.addTextChangedListener(new TextWatcher() {
    private boolean isProgrammaticChange = false;

    @Override
    public void beforeTextChanged(CharSequence charSequence, int i, int i1, int i2) {
        // Not used
    }

    @Override
    public void onTextChanged(CharSequence charSequence, int i, int i1, int i2) {
        // Not used
    }

    @Override
    public void afterTextChanged(Editable editable) {
        if (isProgrammaticChange) {
            // Ignore the event if it's triggered programmatically
            isProgrammaticChange = false;
            return;
        }

        // Get the value entered in the home possession EditText
        String poshomeTxt = poshome.getText().toString().trim();

        // Check if the home possession value is not empty
        if (!poshomeTxt.isEmpty()) {
            // Convert the home possession value to an integer
            int poshomeVal = Integer.parseInt(poshomeTxt);

            // Check if the home possession is within the valid range
            if (poshomeVal < 0 || poshomeVal > 100) {
                // Clear the input and show an error message
                poshome.setText("");
                poshome.setError("Enter a value between 0 and 100");
                return;
            }
        }
    }
});
```

```

    }

    // Calculate the away possession based on the entered home possession
    int posawayVal = 100 - poshomeVal;

    // Update the away possession EditText programmatically
    isProgrammaticChange = true;
    posaway.setText(String.valueOf(posawayVal));

    // Move the cursor to the end of the text
    poshome.setSelection(poshome.getText().length());
}
}
});

// Add a TextWatcher to the away possession EditText
posaway.addTextChangedListener(new TextWatcher() {
    private boolean isProgrammaticChange = false;

    @Override
    public void beforeTextChanged(CharSequence charSequence, int i, int i1, int i2) {
        // Not used
    }

    @Override
    public void onTextChanged(CharSequence charSequence, int i, int i1, int i2) {
        // Not used
    }

    @Override
    public void afterTextChanged(Editable editable) {
        if (isProgrammaticChange) {
            // Ignore the event if it's triggered programmatically
            isProgrammaticChange = false;
            return;
        }

        // Get the value entered in the away possession EditText
        String posawayTxt = posaway.getText().toString().trim();

        // Check if the away possession value is not empty
        if (!posawayTxt.isEmpty()) {
            // Convert the away possession value to an integer
            int posawayVal = Integer.parseInt(posawayTxt);

```

```

        // Check if the away possession is within the valid range
        if (posawayVal < 0 || posawayVal > 100) {
            // Clear the input and show an error message
            posaway.setText("");
            posaway.setError("Enter a value between 0 and 100");
            return;
        }

        // Calculate the home possession based on the entered away possession
        int poshomeVal = 100 - posawayVal;

        // Update the home possession EditText programmatically
        isProgrammaticChange = true;
        poshome.setText(String.valueOf(poshomeVal));

        // Move the cursor to the end of the text
        posaway.setSelection(posaway.getText().length());
    }
}
});

//validation of Shots on Target
shothome.addTextChangedListener(new TextWatcher() {
    @Override
    public void beforeTextChanged(CharSequence s, int start, int count, int after) {
        // No implementation needed
    }

    @Override
    public void onTextChanged(CharSequence s, int start, int before, int count) {
        // No implementation needed
    }

    @Override
    public void afterTextChanged(Editable editable) {
        String shothomeTxt = editable.toString();
        String sothomeTxt = sothome.getText().toString();

        int shothomeVal = 0;
        int sothomeVal = 0;

        if (!shothomeTxt.isEmpty()) {
            shothomeVal = Integer.parseInt(shothomeTxt);

```

```

    }

    if (!sothomeTxt.isEmpty()) {
        sothomeVal = Integer.parseInt(sothomeTxt);
    }

    if (shothomeVal < sothomeVal) {
        sothomeVal = shothomeVal;
        sothome.setText(String.valueOf(sothomeVal));
    }
}
});

sothome.addTextChangedListener(new TextWatcher() {
    @Override
    public void beforeTextChanged(CharSequence s, int start, int count, int after) {
        // No implementation needed
    }

    @Override
    public void onTextChanged(CharSequence s, int start, int before, int count) {
        // No implementation needed
    }

    @Override
    public void afterTextChanged(Editable editable) {
        String shothomeTxt = shothome.getText().toString();
        String sothomeTxt = editable.toString();

        int shothomeVal = 0;
        int sothomeVal = 0;

        if (!shothomeTxt.isEmpty()) {
            shothomeVal = Integer.parseInt(shothomeTxt);
        }

        if (!sothomeTxt.isEmpty()) {
            sothomeVal = Integer.parseInt(sothomeTxt);
        }

        if (sothomeVal > shothomeVal) {
            sothomeVal = shothomeVal;
            sothome.setText(String.valueOf(sothomeVal));
        }
    }
});

```

```
}  
});
```

```
shotaway.addTextChangedListener(new TextWatcher() {  
    @Override  
    public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
        // No implementation needed  
    }  
}
```

```
    @Override  
    public void onTextChanged(CharSequence s, int start, int before, int count) {  
        // No implementation needed  
    }  
}
```

```
    @Override  
    public void afterTextChanged(Editable editable) {  
        String shotawayTxt = editable.toString();  
        String sotawayTxt = sotaway.getText().toString();  
  
        int shotawayVal = 0;  
        int sotawayVal = 0;
```

```
        if (!shotawayTxt.isEmpty()) {  
            shotawayVal = Integer.parseInt(shotawayTxt);  
        }
```

```
        if (!sotawayTxt.isEmpty()) {  
            sotawayVal = Integer.parseInt(sotawayTxt);  
        }
```

```
        if (shotawayVal < sotawayVal) {  
            sotawayVal = shotawayVal;  
            sotaway.setText(String.valueOf(sotawayVal));  
        }
```

```
    }  
});
```

```
sotaway.addTextChangedListener(new TextWatcher() {  
    @Override  
    public void beforeTextChanged(CharSequence s, int start, int count, int after) {  
        // No implementation needed  
    }  
}
```

```
    @Override
```

```

public void onTextChanged(CharSequence s, int start, int before, int count) {
    // No implementation needed
}

@Override
public void afterTextChanged(Editable editable) {
    String shotawayTxt = shotaway.getText().toString();
    String sotawayTxt = editable.toString();

    int shotawayVal = 0;
    int sotawayVal = 0;

    if (!shotawayTxt.isEmpty()) {
        shotawayVal = Integer.parseInt(shotawayTxt);
    }

    if (!sotawayTxt.isEmpty()) {
        sotawayVal = Integer.parseInt(sotawayTxt);
    }

    if (sotawayVal > shotawayVal) {
        sotawayVal = shotawayVal;
        sotaway.setText(String.valueOf(sotawayVal));
    }
}
});

```

```

//Clear Button
clearbtn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        EditText homescoretv = findViewById(R.id.homescoretv);
        EditText awayscoretv = findViewById(R.id.awayscoretv);
        EditText poshome = findViewById(R.id.poshome);
        EditText posaway = findViewById(R.id.posaway);

        homeSelectedLogo.setImageResource(0);
        awaySelectedLogo.setImageResource(0);

        homeSelectedLayout.setVisibility(View.GONE);
        awaySelectedLayout.setVisibility(View.GONE);

        homesv.setVisibility(View.VISIBLE);
    }
});

```



```

        awaystv.setVisibility(View.VISIBLE);

        homescoretv.setText("0");
        awayscoretv.setText("0");
        shothome.setText("");
        shotaway.setText("");
        sothome.setText("");
        sotaway.setText("");
        poshome.setText("");
        posaway.setText("");
        foulhome.setText("");
        foulaway.setText("");
        ychome.setText("");
        ycaway.setText("");
        rchome.setText("");
        rcaway.setText("");

    }
});

//Team Selection

for(int i=0; i< homeTeamContainer.getChildCount(); i++){
    View childView = homeTeamContainer.getChildAt(i);
    if(childView instanceof ImageView){
        ImageView imageView=(ImageView) childView;

        imageView.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                selectHomeTeam(imageView);
            }
        });
    }
}

```

```

for(int j=0; j < awayTeamContainer.getChildCount(); j++){
    View childView = awayTeamContainer.getChildAt(j);
    if(childView instanceof ImageView){
        ImageView imageView=(ImageView) childView;

        imageView.setOnClickListener(new View.OnClickListener() {

```

```

        @Override
        public void onClick(View v) {
            selectAwayTeam(imageView);
        }
    });
}
}

```

```

//Hide Keyboard
rootLayout.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        hideKeyboard();
    }
});

```

// score Add buttons

```

homeplusbtn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        homescore++;
        homescoretv.setText(String.valueOf(homescore));
    }
});

```

```

homeminusbtn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        if(homescore > 0) {
            homescore--;
            homescoretv.setText(String.valueOf(homescore));
        }
    }
});

```

```

awayplusbtn.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        awayscore++;
        awayscoretv.setText(String.valueOf(awayscore));
    }
});

```

```

    }
    });

    awayminusbtn.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View v) {
            if(awayscore> 0) {
                awayscore--;
                awayscoretv.setText(String.valueOf(awayscore));
            }
        }
    });
}

//----- methods
//-----
private void selectHomeTeam(ImageView homeTeamLogo){
    Drawable selectedLogoDrawable = homeTeamLogo.getDrawable();

    ImageView homeSelectedLogo = findViewById(R.id.homeSelectedLogo);
    homeSelectedLogo.setImageDrawable(selectedLogoDrawable);

    HorizontalScrollView teamScrollView = findViewById(R.id.homesv);
    teamScrollView.setVisibility(View.GONE);

    LinearLayout homeSelectedLayout = findViewById(R.id.homeSelectedLayout);
    homeSelectedLayout.setVisibility(View.VISIBLE);
}

private void selectAwayTeam(ImageView awayTeamLogo) {
    Drawable selectedLogoDrawable = awayTeamLogo.getDrawable();

    ImageView awaySelectedLogo = findViewById(R.id.awayselectedLogo);
    awaySelectedLogo.setImageDrawable(selectedLogoDrawable);

    HorizontalScrollView teamScrollView = findViewById(R.id.awaysv);
    LinearLayout awaySelectedLayout = findViewById(R.id.awaySelectedLayout);

    teamScrollView.setVisibility(View.GONE);
    awaySelectedLayout.setVisibility(View.VISIBLE);
}

```

```

private void hideKeyboard() {
    View view = getCurrentFocus();
    if (view != null) {
        InputMethodManager imm = (InputMethodManager)
getSystemService(Context.INPUT_METHOD_SERVICE);
        imm.hideSoftInputFromWindow(view.getWindowToken(), 0);
    }
}
}

```

## Manifest File:

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools">

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@drawable/laligavlogo"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.LaligaScore"
        tools:targetApi="31">
        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
        <meta-data
            android:name="preloaded_fonts"
            android:resource="@array/preloaded_fonts" />
    </application>

</manifest>

```

## Layout XML:

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

```
<androidx.coordinatorlayout.widget.CoordinatorLayout  
xmlns:android="http://schemas.android.com/apk/res/android"  
xmlns:tools="http://schemas.android.com/tools"  
xmlns:app="http://schemas.android.com/apk/res-auto"
```

```
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:background="#24282b">
```

```
    <com.google.android.material.appbar.AppBarLayout  
        android:id="@+id/appbar"  
        android:layout_width="match_parent"  
        android:layout_height="67sp"  
        android:background="#1a1e21">
```

```
        <LinearLayout  
            android:layout_width="match_parent"  
            android:layout_height="wrap_content"  
            android:gravity="center"  
            android:elevation="4sp">
```

```
            <ImageView  
                android:id="@+id/laligaWhiteLogo"  
                android:layout_width="wrap_content"  
                android:layout_height="wrap_content"  
                android:layout_margin="8sp"  
                android:padding="10sp"  
                android:gravity="center"  
                app:srcCompat="@drawable/laligawhitesantander" />
```

```
        </LinearLayout>
```

```
    <com.google.android.material.appbar.CollapsingToolbarLayout  
        android:layout_width="match_parent"  
        android:layout_height="match_parent"  
        app:contentScrim="@color/laligadarkerblack"  
        app:layout_scrollFlags="scroll|exitUntilCollapsed"
```

```
app:toolbarId="@+id/toolbar">
```

```
<androidx.appcompat.widget.Toolbar  
    android:id="@+id/toolbar"  
    android:layout_width="match_parent"  
    android:layout_height="?attr/actionBarSize"  
    android:background="@color/black"  
    android:visibility="gone" />
```

```
</com.google.android.material.appbar.CollapsingToolbarLayout>
```

```
</com.google.android.material.appbar.AppBarLayout>
```

```
<androidx.core.widget.NestedScrollView  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"
```

```
app:layout_behavior="com.google.android.material.appbar.AppBarLayout$ScrollingViewBehavior">
```

```
<RelativeLayout  
    android:id="@+id/rootLayout"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:background="#24282b"  
    tools:context=".MainActivity">
```

```
<LinearLayout  
    android:id="@+id/heading"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginLeft="16sp"  
    android:layout_marginRight="16sp"  
    android:orientation="vertical"  
    android:weightSum="2">
```

```
<TextView  
    android:id="@+id/select2Team"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_marginTop="8sp"  
    android:text="Stats Pad"
```

```
        android:textSize="24sp"
        android:textStyle="bold"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white"
        android:gravity="center"/>
```

```
<TextView
    android:id="@+id/selectTeam"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginTop="16sp"
    android:text="Select the Teams"
    android:textSize="18sp"
    android:textStyle="bold"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:id="@+id/homeawaytab"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@+id/heading"
    android:orientation="horizontal"
    android:weightSum="2">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Home"
    android:textSize="16sp"
    android:textColor="@color/white"
    android:fontFamily="@font/roboto"
    android:layout_marginTop="16sp"
    android:layout_marginLeft="16sp"
    android:padding="0sp"
    android:layout_weight="1"/>
```

```
<TextView
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
    android:textStyle="bold"
    android:text="Away"
    android:textSize="16sp"
    android:textColor="@color/white"
    android:fontFamily="@font/roboto"
    android:layout_margin="16sp"
    android:layout_weight="1"/>
```

```
</LinearLayout>
```

```
<RelativeLayout
    android:id="@+id/mainScrollViewLayout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/homeawaytab">
```

```
<LinearLayout
    android:id="@+id/teamscrollview"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginStart="16sp"
    android:layout_marginEnd="16sp"
    android:orientation="horizontal"
    android:weightSum="2">
```

```
<HorizontalScrollView
    android:id="@+id/homesv"
    android:layout_width="0dp"
    android:layout_height="120dp"
    android:layout_gravity="center"
    android:background="@drawable/textview_background"
    android:layout_marginRight="5dp"
    android:padding="10dp"
    android:layout_weight="1">
```

```
<LinearLayout
    android:id="@+id/homeTeamContainer"
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal">
```

```
<ImageView
    android:id="@+id/barca1"
```



```

        android:layout_width="90sp"
        android:layout_height="90dp"
        android:layout_gravity="center"
        app:srcCompat="@drawable/barca" />

<ImageView
    android:id="@+id/atb1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/atb" />

<ImageView
    android:id="@+id/celta1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/celtavigo" />

<ImageView
    android:id="@+id/espanyol1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/espanyol" />

<ImageView
    android:id="@+id/realbetis1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/realbetis" />

<ImageView
    android:id="@+id/realsoc1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/realsociedad" />

<ImageView
    android:id="@+id/real1"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/real" />

<ImageView
    android:id="@+id/atm1"
    android:layout_width="90sp"

```

```
        android:layout_height="90sp"
        app:srcCompat="@drawable/atm" />
```

```
</LinearLayout>
```

```
</HorizontalScrollView>
```

```
<LinearLayout
    android:id="@+id/homeSelectedLayout"
    android:layout_width="90dp"
    android:layout_height="90dp"
    android:orientation="horizontal"
    android:layout_weight="1"
    android:layout_gravity="center"
    android:layout_marginLeft="16sp"
    android:layout_marginStart="16sp"
    android:layout_marginEnd="16sp"
    android:visibility="gone">
```

```
    <ImageView
        android:id="@+id/homeSelectedLogo"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:id="@+id/awaySelectedLayout"
    android:layout_width="90dp"
    android:layout_height="90dp"
    android:orientation="horizontal"
    android:layout_weight="1"
    android:layout_gravity="center"
    android:layout_marginStart="16sp"
    android:layout_marginEnd="16sp"
    android:layout_marginRight="16sp"
    android:visibility="gone">
```

```
    <ImageView
        android:id="@+id/awayselectedLogo"
        android:layout_width="match_parent"
        android:layout_height="match_parent" />
```

```
</LinearLayout>
```

```
<HorizontalScrollView
    android:id="@+id/awaysv"
    android:layout_width="0dp"
    android:layout_height="120dp"
    android:layout_gravity="center"
    android:background="@drawable/textview_background"
    android:layout_marginLeft="5dp"
    android:padding="10dp"
    android:layout_weight="1">
```

```
<LinearLayout
    android:id="@+id/awayTeamContainer"
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal">
```

```
<ImageView
    android:id="@+id/real"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/real" />
```

```
<ImageView
    android:id="@+id/atm"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/atm" />
```

```
<ImageView
    android:id="@+id/atb"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/atb" />
```

```
<ImageView
    android:id="@+id/celta"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/celtavigo" />
```

```
<ImageView
    android:id="@+id/espanyol"
    android:layout_width="90sp"
```

```
        android:layout_height="90sp"
        app:srcCompat="@drawable/espanyol" />
```

```
<ImageView
    android:id="@+id/realbetis"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/realbetis" />
```

```
<ImageView
    android:id="@+id/realsoc"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/realsociedad" />
```

```
<ImageView
    android:id="@+id/barca"
    android:layout_width="90sp"
    android:layout_height="90sp"
    app:srcCompat="@drawable/barca" />
```

```
</LinearLayout>
```

```
</HorizontalScrollView>
```

```
</LinearLayout>
```

```
</RelativeLayout>
```

```
<LinearLayout
    android:id="@+id/scorebar"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_below="@id/mainScrollViewLayout"
    android:layout_marginTop="16sp"
    android:layout_marginRight="16sp"
    android:layout_marginLeft="16sp"
    android:orientation="horizontal"
    android:weightSum="2">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
```

```
android:layout_weight="1"
android:gravity="center"
android:orientation="horizontal">
```

```
<com.google.android.material.button.MaterialButton
    android:id="@+id/homeminusbtn"
    style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"
    android:layout_width="30sp"
    android:layout_height="30sp"
    android:background="@drawable/plus"
    app:backgroundTint="#D32F2F"
    app:cornerRadius="36sp" />
```

```
<EditText
    android:id="@+id/homescoretv"
    android:layout_width="70sp"
    android:layout_height="70sp"
    android:layout_margin="8sp"
    android:background="@drawable/scorebox_background"
    android:elevation="4sp"
    android:inputType="number"
    android:text="0"
    android:textSize="30sp"
    android:textAlignment="center"
    android:fontFamily="@font/roboto"
    android:textColor="@color/black" />
```

```
<com.google.android.material.button.MaterialButton
    android:id="@+id/homeplusbtn"
    style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"
    android:layout_width="30sp"
    android:layout_height="30sp"
    android:background="@drawable/plus"
    app:backgroundTint="#388E3C"
    app:cornerRadius="36sp" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:gravity="center"
```

```
android:orientation="horizontal">
```

```
<com.google.android.material.button.MaterialButton  
    android:id="@+id/awayminusbtn"  
    style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
    android:layout_width="30sp"  
    android:layout_height="30sp"  
    android:background="@drawable/plus"  
    app:backgroundTint="#D32F2F"  
    app:cornerRadius="36sp" />
```

```
<EditText  
    android:id="@+id/awayscoretv"  
    android:layout_width="70sp"  
    android:layout_height="70sp"  
    android:layout_margin="8sp"  
    android:background="@drawable/scorebox_background"  
    android:elevation="4sp"  
    android:inputType="number"  
    android:text="0"  
    android:textSize="30sp"  
    android:textAlignment="center"  
    android:fontFamily="@font/roboto"  
    android:textColor="@color/black" />
```

```
<com.google.android.material.button.MaterialButton  
    android:id="@+id/awayplusbtn"  
    android:layout_width="30sp"  
    android:layout_height="30sp"  
    android:background="@drawable/plus"  
    app:backgroundTint="#388E3C"  
    app:cornerRadius="36sp"  
    />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:id="@+id/stats"  
    android:layout_width="match_parent"
```

```
android:layout_height="wrap_content"
android:layout_below="@id/scorebar"
android:layout_marginBottom="16sp"
android:orientation="vertical">
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:text="TEAM STATS"
    android:textSize="16sp"
    android:textStyle="bold"
    android:fontFamily="@font/roboto"
    android:gravity="center"
    android:layout_marginTop="10sp"
    android:layout_marginBottom="0sp"
    android:textColor="@color/white" />
<!--////////////////////////////////////-->
```

```
<LinearLayout
    android:id="@+id/shots"
    android:layout_width="match_parent"
    android:layout_height="40sp"
    android:layout_marginLeft="16sp"
    android:layout_marginRight="16sp"
    android:orientation="horizontal"
    android:weightSum="3">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="left"
    android:layout_weight="1">
```

```
<EditText
    android:id="@+id/shothome"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:textAlignment="center"
    android:text=""
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="center"  
    android:layout_weight="1">  
  
    <TextView  
        android:layout_width="wrap_content"  
        android:layout_height="match_parent"  
        android:text="Shots"  
        android:textSize="16sp"  
        android:gravity="center"  
        android:fontFamily="@font/roboto"  
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="right"  
    android:layout_weight="1">  
  
    <EditText  
        android:id="@+id/shotaway"  
        android:layout_width="40sp"  
        android:layout_height="match_parent"  
        android:inputType="number"  
        android:textAlignment="center"  
        android:text=""  
        android:textSize="16sp"  
        android:fontFamily="@font/roboto"  
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```



```
<!--//////////////////////////////////////-->
```

```
<LinearLayout  
    android:layout_width="match_parent"  
    android:layout_height="40sp"  
    android:layout_marginLeft="16sp"  
    android:layout_marginRight="16sp"  
    android:orientation="horizontal"  
    android:weightSum="3">
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="left"  
    android:layout_weight="1">
```

```
<EditText  
    android:id="@+id/sothome"  
    android:layout_width="40sp"  
    android:layout_height="match_parent"  
    android:inputType="number"  
    android:textAlignment="center"  
    android:text=""  
    android:textSize="16sp"  
    android:fontFamily="@font/roboto"  
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="center"  
    android:layout_weight="1">
```

```
<TextView  
    android:id="@+id/sottv"  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:text="Shots on target"
```

```
        android:textSize="16sp"
        android:gravity="center"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="right"
    android:layout_weight="1">
```

```
    <EditText
        android:id="@+id/sotaway"
        android:layout_width="40sp"
        android:layout_height="match_parent"
        android:inputType="number"
        android:textAlignment="center"
        android:text=""
        android:textSize="16sp"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<!--//////////////////////////////////////-->
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="40sp"
    android:layout_marginLeft="16sp"
    android:layout_marginRight="16sp"
    android:orientation="horizontal"
    android:weightSum="3">
```

```
    <LinearLayout
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:orientation="horizontal"
        android:gravity="left"
```

```
android:layout_weight="1">
```

```
<EditText  
    android:id="@+id/poshome"  
    android:layout_width="40sp"  
    android:layout_height="match_parent"  
    android:inputType="number"  
    android:textAlignment="center"  
    android:text=" "  
    android:textSize="16sp"  
    android:fontFamily="@font/roboto"  
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="center"  
    android:layout_weight="1">
```

```
<TextView  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:text="Possession"  
    android:textSize="16sp"  
    android:fontFamily="@font/roboto"  
    android:gravity="center"  
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="match_parent"  
    android:orientation="horizontal"  
    android:gravity="right"  
    android:layout_weight="1">
```

```
<EditText  
    android:id="@+id/posaway"  
    android:layout_width="40sp"  
    android:layout_height="match_parent"
```

```
        android:inputType="number"
        android:textAlignment="center"
        android:text=" "
        android:textSize="16sp"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<!--////////////////////////////////////-->
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="40sp"
    android:layout_marginLeft="16sp"
    android:layout_marginRight="16sp"
    android:orientation="horizontal"
    android:weightSum="3">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="left"
    android:layout_weight="1">
```

```
<EditText
    android:id="@+id/foulhome"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:textAlignment="center"
    android:text=""
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
```

```
android:orientation="horizontal"
android:gravity="center"
android:layout_weight="1">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:text="Fouls"
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:gravity="center"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="right"
    android:layout_weight="1">
```

```
<EditText
    android:id="@+id/foulaway"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:textAlignment="center"
    android:text=""
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<!--//////////////////////////////////////-->
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="40sp"
    android:layout_marginLeft="16sp"
    android:layout_marginRight="16sp"
```

```
android:orientation="horizontal"
android:weightSum="3">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="left"
    android:layout_weight="1">
```

```
<EditText
    android:id="@+id/yhome"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:text=""
    android:textAlignment="center"
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="center"
    android:layout_weight="1">
```

```
<TextView
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:text="Yellow cards"
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:gravity="center"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
```

```
android:orientation="horizontal"
android:gravity="right"
android:layout_weight="1">
```

```
<EditText
    android:id="@+id/ycaway"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:textAlignment="center"
    android:text=""
    android:textSize="16sp"
    android:fontFamily="@font/roboto"
    android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
<!--////////////////////////////////////-->
```

```
<LinearLayout
    android:layout_width="match_parent"
    android:layout_height="40sp"
    android:layout_marginLeft="16sp"
    android:layout_marginRight="16sp"
    android:orientation="horizontal"
    android:weightSum="3">
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="left"
    android:layout_weight="1">
```

```
<EditText
    android:id="@+id/rchome"
    android:layout_width="40sp"
    android:layout_height="match_parent"
    android:inputType="number"
    android:textAlignment="center"
    android:text=""
```

```
        android:textSize="16sp"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="center"
    android:layout_weight="1">
```

```
    <TextView
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:text="Red cards"
        android:textSize="16sp"
        android:fontFamily="@font/roboto"
        android:gravity="center"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```

```
<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal"
    android:gravity="right"
    android:layout_weight="1">
```

```
    <EditText
        android:id="@+id/rcaway"
        android:layout_width="40sp"
        android:layout_height="match_parent"
        android:inputType="number"
        android:textAlignment="center"
        android:text=""
        android:textSize="16sp"
        android:fontFamily="@font/roboto"
        android:textColor="@color/white" />
```

```
</LinearLayout>
```



```
</LinearLayout>
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:id="@+id/sbtbtns"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_below="@id/stats"  
    android:orientation="horizontal">
```

```
</LinearLayout>
```

```
<LinearLayout  
    android:id="@+id/rbbtns"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content"  
    android:layout_below="@id/sbtbtns"  
    android:layout_marginBottom="16sp"  
    android:orientation="horizontal"  
    android:weightSum="2">
```

```
<LinearLayout  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_weight="1"  
    android:layout_marginLeft="16sp"  
    android:gravity="center"  
    android:orientation="horizontal">
```

```
<com.google.android.material.button.MaterialButton  
    android:id="@+id/clearbtn"  
    style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"  
    android:layout_width="100sp"  
    android:layout_height="40sp"  
    android:layout_margin="16sp"  
    android:text="clear"  
    android:textSize="12sp"  
    android:textColor="@color/white"  
    android:fontFamily="@font/roboto"  
    app:backgroundTint="#D32F2F"  
    app:cornerRadius="36sp" />
```

```

<!--      <com.google.android.material.button.MaterialButton-->
<!--      android:id="@+id/team1plus"-->
<!--
style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"-->
<!--      android:layout_width="60sp"-->
<!--      android:layout_height="60sp"-->
<!--      android:layout_marginStart="16sp"-->
<!--      android:layout_marginEnd="16sp"-->
<!--      android:text="+ "-->
<!--      android:textSize="24sp"-->
<!--      app:backgroundTint="#2196F3"-->
<!--      app:cornerRadius="36sp" />-->

```

```

</LinearLayout>

```

```

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_weight="1"
    android:layout_marginRight="16sp"
    android:gravity="center"
    android:orientation="horizontal">

```

```

<!--      <com.google.android.material.button.MaterialButton-->
<!--      android:id="@+id/team2minus"-->
<!--
style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"-->
<!--      android:layout_width="60sp"-->
<!--      android:layout_height="60sp"-->
<!--      android:layout_margin="16sp"-->
<!--      android:text="- "-->
<!--      android:textSize="24sp"-->
<!--      app:backgroundTint="#FF0000"-->
<!--      app:cornerRadius="36sp" />-->

```

```

<com.google.android.material.button.MaterialButton
    android:id="@+id/submitbtn"
    style="@style/Widget.MaterialComponents.ExtendedFloatingActionButton"
    android:layout_width="100sp"
    android:layout_height="40sp"
    android:layout_margin="16sp"
    android:fontFamily="@font/roboto"

```

```
        android:text="submit"  
        android:textColor="@color/white"  
        android:textSize="12sp"  
        app:backgroundTint="#388E3C"  
        app:cornerRadius="36sp" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```

```
</RelativeLayout>
```

```
</androidx.core.widget.NestedScrollView>
```

```
</androidx.coordinatorlayout.widget.CoordinatorLayout>
```

**Screenshot:**

## Stats Pad

Select the Teams

Home

Away



0



0



### TEAM STATS

Shots

Shots on target

Possession

Fouls

Yellow cards

Red cards

CLEAR

SUBMIT