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# Your First App

## REVIEW

### CODE REVIEW 5

#### HISTORY

##### ▼ app/src/main/res/layout/activity\_main.xml 5

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android
```

#### AWESOME

Awesome to use **ConstraintLayout** as your layout **root-view** it's a very powerful tool to build flat and c  
advanced features.

```
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     tools:context=".MainActivity">
8
9     <ImageView
```

#### SUGGESTION

it would be better to add `android:contentDescription` attribute to make your app support [accessibili](#)

```
10         android:id="@+id/background"
```

#### AWESOME

Excellent to add `id` attribute it will be the link between XML and JAVA code.

```

11         android:layout_width="0dp"
12         android:layout_height="0dp"
13         android:alpha="0.5"
14         android:contentDescription="@string/app_name"
15         android:scaleType="fitEnd"
16         app:layout_constraintBottom_toBottomOf="parent"
17         app:layout_constraintEnd_toEndOf="parent"
18         app:layout_constraintStart_toStartOf="parent"
19         app:layout_constraintTop_toTopOf="parent"
20         app:srcCompat="@drawable/pregnant" />
21
22     <LinearLayout
23         android:id="@+id/linearLayout"
24         android:layout_width="match_parent"
25         android:layout_height="wrap_content"
26         android:orientation="vertical"
27         app:layout_constraintBottom_toBottomOf="parent"
28         app:layout_constraintTop_toTopOf="parent">
29
30         <TextView
31             android:id="@+id/name"
32             android:layout_width="match_parent"
33             android:layout_height="wrap_content"
34             android:layout_marginBottom="16dp"
35             android:gravity="center"
36             android:text="@string/app_name"
37             android:textColor="@color/primary_dark"
38             android:textSize="64sp" />
39
40         <TextView
41             android:id="@+id/description"
42             android:layout_width="match_parent"
43             android:layout_height="wrap_content"
44             android:background="@color/primary_dark"
45             android:gravity="center"
46             android:text="@string/description"

```

AWESOME

Nice to add your strings in the `strings.xml` file, it's useful because of:

- 1- give you the ability to translate your app and support many languages
- 2- easy for multiple uses, and edit string in one place and affect many

[a good explanation here](#)

```

47         android:textColor="@android:color/white"
48         android:textSize="24sp" />

```

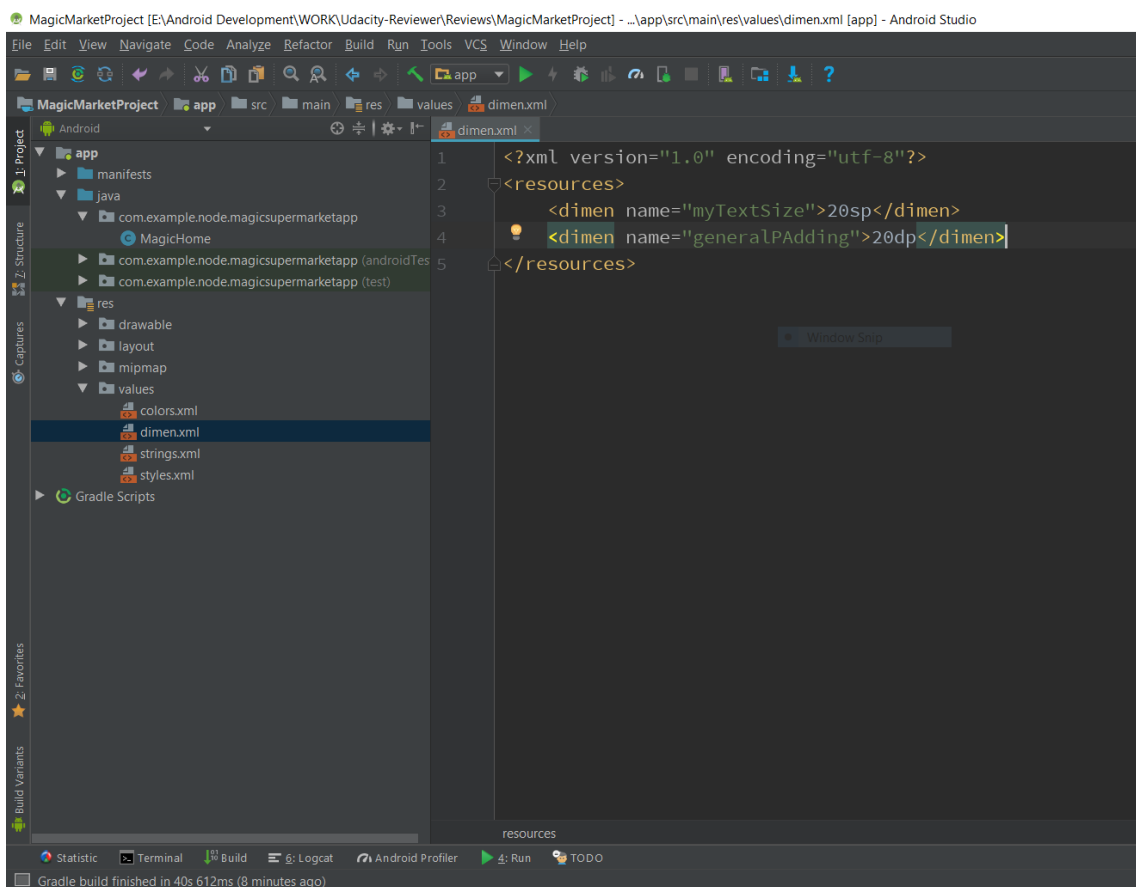
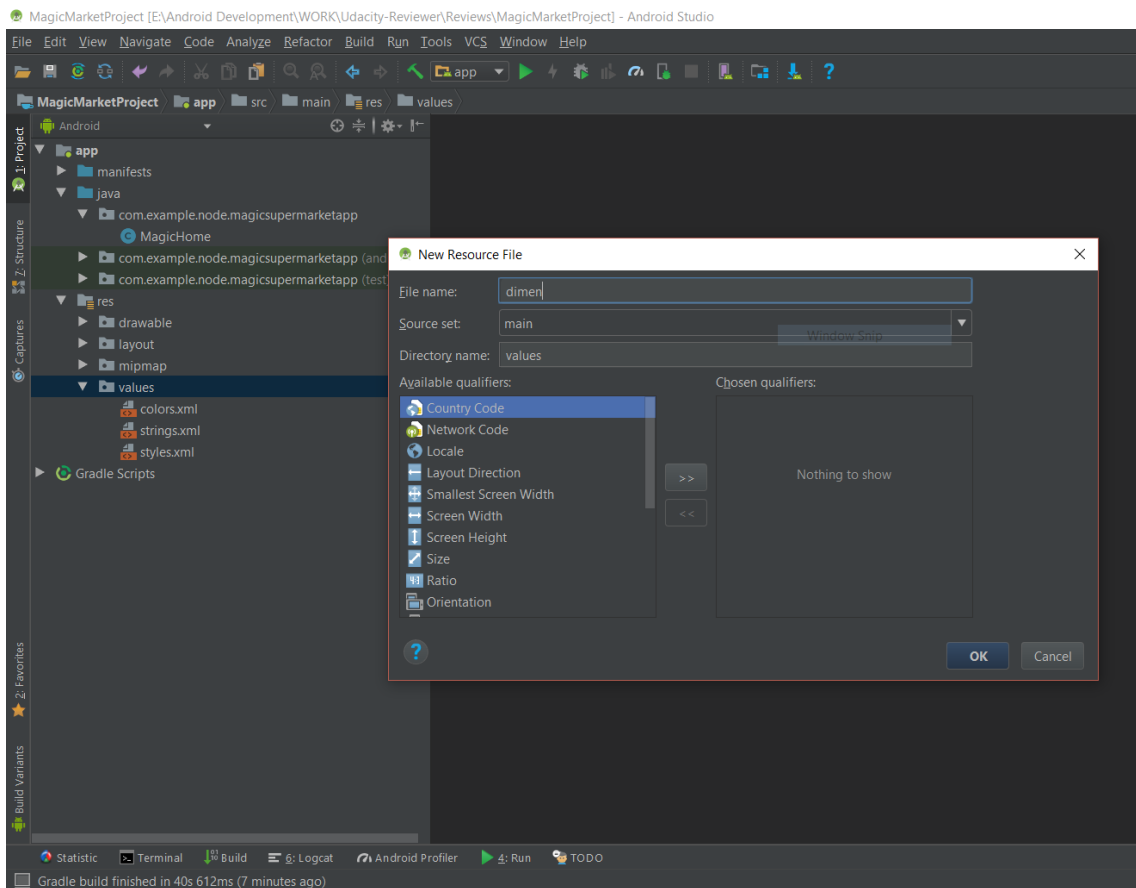
SUGGESTION

Awesome to use dp with elements and sp with text,

but you can store your dimensions in res --> values -- dimens XML file because of :

- 1- easy to declare the value and assign to many elements
- 2- easy to edit a value in one place and affect many

by default Android Studio doesn't create `dimens.xml` file but you can easily add it, please follow the g



```

49
50
51     </LinearLayout>
52
53
54 </android.support.constraint.ConstraintLayout>

```

- ▶ settings.gradle
- ▶ build.gradle
- ▶ app/src/test/java/net/healthtechhub/goodmom/ExampleUnitTest.java
- ▶ app/src/main/res/values/styles.xml
- ▶ app/src/main/res/values/strings.xml
- ▶ app/src/main/res/values/colors.xml
- ▶ app/src/main/res/mipmap-anydpi-v26/ic\_launcher\_round.xml
- ▶ app/src/main/res/mipmap-anydpi-v26/ic\_launcher.xml
- ▶ app/src/main/res/drawable/ic\_launcher\_background.xml
- ▶ app/src/main/res/drawable-v24/ic\_launcher\_foreground.xml
- ▶ app/src/main/java/net/healthtechhub/goodmom/MainActivity.java
- ▶ app/src/main/AndroidManifest.xml
- ▶ app/src/androidTest/java/net/healthtechhub/goodmom/ExampleInstrumentedTest.java
- ▶ app/build.gradle

RETURN TO PATH

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