



PROJECT

Quiz App

A part of the Android Basics Nanodegree by Google Program

PROJECT REVIEW

CODE REVIEW 6

NOTES

▼ app/src/main/res/layout/activity_main.xml 3

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android
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     android:background="#FFA000"
8     tools:context="com.example.android.wukillaquiz.MainActivity">
9
10    <ScrollView
11        android:layout_width="match_parent"
12        android:layout_height="match_parent">
```

AWESOME

Nice use of the `ScrollView` to wrap your layout. It is always important to make your content scrollabl

```
13
14    <LinearLayout
15        android:layout_width="match_parent"
16        android:layout_height="wrap_content"
17        android:orientation="vertical" >
18
19        <TextView
20            android:id="@+id/question_1_text_view"
21            style="@style/questionTextView"
22            android:layout_width="match_parent"
23            android:layout_height="wrap_content"
24            android:text="@string/question1" />
25
```

```

26     <RadioGroup
27         style="@style/answerTextView"
28         android:layout_width="match_parent"
29         android:layout_height="match_parent" >
30
31         <RadioButton
32             android:id="@+id/question_1_yes_button"
33             android:layout_width="wrap_content"
34             android:layout_height="wrap_content"
35             android:layout_weight="1"
36             android:text="@string/yes" />
37
38         <RadioButton
39             android:id="@+id/question_1_no_button"
40             android:layout_width="wrap_content"
41             android:layout_height="wrap_content"
42             android:layout_weight="1"
43             android:text="@string/no" />
44     </RadioGroup>

```

AWESOME

Good! Always use `RadioGroup` to ensure that you have only one possible selection for radio buttons

```

45
46     <TextView
47         style="@style/answerTextView"
48         android:id="@+id/question_1_answer_text_view"
49         android:layout_width="match_parent"
50         android:layout_height="wrap_content"
51         android:text="@string/answerTextView"/>
52
53     <TextView
54         android:id="@+id/question_2_text_view"
55         style="@style/questionTextView"
56         android:layout_width="match_parent"
57         android:layout_height="wrap_content"
58         android:text="@string/question2" />
59
60     <EditText
61         style="@style/answerTextView"
62         android:id="@+id/question_2_edit_text"
63         android:layout_width="match_parent"
64         android:layout_height="wrap_content"
65         android:ems="10"
66         android:inputType="textCapWords"
67         android:hint="@string/enterMissingTextHere"/>
68
69     <TextView
70         style="@style/answerTextView"
71         android:id="@+id/question_2_answer_text_view"
72         android:layout_width="match_parent"
73         android:layout_height="wrap_content"
74         android:text="@string/answerTextView" />
75
76     <TextView
77         android:id="@+id/question_3_text_view"
78         android:layout_width="match_parent"
79         android:layout_height="wrap_content"
80         style="@style/questionTextView"
81         android:text="@string/question3" />
82
83     <RadioGroup

```

```
83 style="@style/answerTextView"
84 android:layout_width="match_parent"
85 android:layout_height="match_parent">
86
87
88 <RadioButton
89     android:id="@+id/question_3_yes_button"
90     android:layout_width="wrap_content"
91     android:layout_height="wrap_content"
92     android:layout_weight="1"
93     android:text="@string/yes" />
94
95 <RadioButton
96     android:id="@+id/question_3_no_button"
97     android:layout_width="wrap_content"
98     android:layout_height="wrap_content"
99     android:layout_weight="1"
100    android:text="@string/no" />
101 </RadioGroup>
102
103 <TextView
104     style="@style/answerTextView"
105     android:id="@+id/question_3_answer_text_view"
106     android:layout_width="match_parent"
107     android:layout_height="wrap_content"
108     android:text="@string/answerTextView" />
109
110 <TextView
111     android:id="@+id/question_4_text_view"
112     android:layout_width="match_parent"
113     android:layout_height="wrap_content"
114     style="@style/questionTextView"
115     android:text="@string/question4" />
116
117 <LinearLayout
118     style="@style/answerTextView"
119     android:layout_width="match_parent"
120     android:layout_height="match_parent"
121     android:orientation="vertical">
122
123     <CheckBox
124         android:id="@+id/question_4_checkbox_lil_wayne"
125         android:layout_width="match_parent"
126         android:layout_height="wrap_content"
127         android:text="@string/lilwayne" />
128
129     <CheckBox
130         android:id="@+id/question_4_checkbox_ghostface_killah"
131         android:layout_width="match_parent"
132         android:layout_height="wrap_content"
133         android:text="@string/ghostfaceKillah" />
134
135     <CheckBox
136         android:id="@+id/question_4_checkbox_tupac"
137         android:layout_width="match_parent"
138         android:layout_height="wrap_content"
139         android:text="@string/tupac" />
140
141
142     <CheckBox
143         android:id="@+id/question_4_checkbox_methodman"
144         android:layout_width="match_parent"
145         android:layout_height="wrap_content"
146         android:text="@string/methodman" />
147
148     <CheckBox
```

```

149         android:id="@+id/question_4_checkbox_redman"
150         android:layout_width="match_parent"
151         android:layout_height="wrap_content"
152         android:text="@string/redman" />
153
154
155         <TextView
156             android:id="@+id/question_4_answer_text_view"
157             android:layout_width="match_parent"
158             android:layout_height="wrap_content"
159             android:text="@string/answerTextView" />
160     </LinearLayout>
161
162
163     <Button
164         style="@style/submitButton"
165         android:id="@+id/submit_button"
166         android:layout_width="match_parent"
167         android:layout_height="wrap_content"
168         android:text="@string/submitButton" />
169
170     <TextView
171         style="@style/resultsTextView"
172         android:id="@+id/results_text_view"
173         android:layout_width="match_parent"
174         android:layout_height="wrap_content"
175         android:text="@string/afterSubmitHelpMsg" />
176
177     <View
178         android:layout_width="match_parent"
179         android:layout_height="30dp" />
180
181     </LinearLayout>
182 </ScrollView>
183 </android.support.constraint.ConstraintLayout>

```

AWESOME

So far, so good. Your layout seems to be well structured.

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- ▶ app/src/main/java/com/example/android/wukillaquiz/MainActivity.java 2
- ▶ app/src/main/res/values/strings.xml 1
- ▶ settings.gradle
- ▶ build.gradle
- ▶ app/src/test/java/com/example/android/wukillaquiz/ExampleUnitTest.java
- ▶ app/src/main/res/values/styles.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-v24/ic_launcher_foreground.xml`
- ▶ `app/src/main/res/drawable/ic_launcher_background.xml`
- ▶ `app/src/main/AndroidManifest.xml`
- ▶ `app/src/androidTest/java/com/example/android/wukillaquiz/ExampleInstrumentedTest.java`
- ▶ `app/build.gradle`

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