

## PROJECT SPECIFICATION

## Quiz App

## Layout

CRITERIA	MEETS SPECIFICATIONS
Overall Layout	App contains 4 - 10 questions, including at least one check box, one radio button, and one text entry.
Question types	<p>Questions are in a variety of formats such as free text response, checkboxes, and radio buttons.</p> <p>Checkboxes are only used for questions with multiple right answers. Radio buttons are only used for questions with a single right answer.</p>
Submit button	App includes a button for the user to submit their answers and receive a score.
Layout best practices	<p>The code adheres to all of the following best practices:</p> <ul style="list-style-type: none"> <li>• Text sizes are defined in sp</li> <li>• Lengths are defined in dp</li> <li>• Padding and margin is used appropriately, such that the views are not crammed up against each other.</li> </ul>
View variety	<p>The app includes at least four of the following Views: TextView, ImageView, Button, Checkbox, EditText, LinearLayout, RelativeLayout, ScrollView, RadioButton, RadioGroup.</p> <p>If applicable, the app uses nested ViewGroups to reduce the complexity of the layout.</p>
Rotation	The app gracefully handles displaying all the content on screen when rotated. Either by updating the layout, adding a scrollable feature or some other mechanism that adheres to Android development guidelines.

## Functionality

CRITERIA	MEETS SPECIFICATIONS
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Runtime Errors	The code runs without errors.
Question Answers	Each question has a correct answer.
Radio Button Implementation	Any question which uses radio buttons allows only one to be checked at once.
Control Statements	The app contains at least one if/else statement
Grading Button Function	The grading button displays a toast which accurately displays the results of the quiz.
Grading Logic	<p>The grading logic checks each answer correctly. The app accurately calculates the number of correct answers and does not include incorrect answers in the count.</p> <p>Note: When applicable, in the grading logic remember to check that the correct answers are checked AND the incorrect answers are not checked.</p>

### Code Readability

CRITERIA	MEETS SPECIFICATIONS
Naming Conventions	All variables, methods, and resource IDs are descriptively named such that another developer reading the code can easily understand their function.
Format	<p>The code is properly formatted i.e. there are no unnecessary blank lines; there are no unused variables or methods; there is no commented out code.</p> <p>The code also has proper indentation when defining variables and methods.</p>