## **Step 1 Project Overview**

## The Quiz App project is a chance for you to combine and practice everything you learned in this section of the Nanodegree program. You will be making your own Android app - taking it from the idea stage to building out the full app. You can share your app with family and friends, as well as with other students in this course.

## The goal is to create an educational app that quizzes a user about a certain topic of your choice. We want you to be creative about how you accomplish this. It’s up to you what the quiz questions will be about and how you want to present them to your user. (We recommend about 5-10 quiz questions for a reasonable scope of your app).

## 

### **Why this project?**

## So far in this Nanodegree program, we’ve built three apps together: the Happy Birthday, Court Counter and Just Java apps. At this point, we believe that you’re now ready to create your own app. You will have full ownership over the creative vision, planning, and development of the app. From what we’ve seen in the discussion forums, you each have a wealth of different experiences and unique areas of expertise. We would like to see that shine through in the app that you create.

## 

### **What will I learn?**

## This project is about combining various ideas and skills we’ve been practicing throughout the course. They include:

## Planning your app design before coding.

## Taking an app layout from drawing to XML code.

## Creating, positioning, and styling views.

## Creating interactivity through button clicks and Java code.

## Commenting and documenting your code.

## 

### **Subscription vs Free-Version student**

## If you are subscribed to the paid Nanodegree program, coaches will be available in the Coaches Lounge to help guide you through the final project. You will receive feedback after submitting your project and a verified certificate after successfully finishing this project.

## If you are enrolled in the free version of this course, the project rubric and all of the project details are available to you.

## Either way, we would love to see a description and link to your app on the discussion forum.

## 

**Step 2:**

## **Build Your Project**

To complete this project, you'll need to design a quiz layout and implement it in an app. The quiz can be about any topic of your choice, and you are encouraged to create one on a topic you find personally interesting.

You'll want to build this project in steps.

1. First, build the layout. This involves creating the quiz questions, deciding what type of quiz they will be, and formatting them in the xml layout file for your Activity.
2. Second, you'll want to write code that links the layout to the activity. For step 3, you'll want variables that refer to each of the quiz answers.
3. Finally, write the code for the button which checks your answers. This code should run through each question in the app, record whether the user got the question right, and then display the quiz results in a Toast message.

Your project will be evaluated using the [Quiz App project rubric](https://review.udacity.com/#!/rubrics/158/view).

**Step 3:**

## **Prepare for Submission**

### **Clean Your Build**

Before submitting, please follow the instructions for cleaning your project files. This removes some temporary files and greatly decreases the size of your project.

[Cleaning your project files](https://d17h27t6h515a5.cloudfront.net/topher/2016/June/5769c116_1000-files-tutorial/1000-files-tutorial.pdf)

### **Review the Project Rubric**

Udacity reviewers will be reviewing your project based on the project rubric. All specifications must be met to pass the project.

[Project review Rubric](https://review.udacity.com/?_ga=1.92054106.1362034947.1463828731#!/rubrics/158/view)

### **Final Submission Checklist**

Before submitting your project for evaluation, we recommend that you check that each of the following is true:

1. Your app compiles and runs as expected.
2. You are proud of your app and its output.
3. You completed this project according to instructions.
4. You cleaned the project using the instructions above.
5. You checked your project against the rubric.

### **Zip your Project for Submission**

Be sure to zip your whole android project only after you have cleaned it.