Please find the task below.

Android QA Code Challenge Thanks for your interest in working with us at News Corp’s technology division, NewsTech.

This step of the interview process is a small coding challenge. We’d like for you to complete the following exercise and submit it to us for review in an email with the project attached as a zip file so that we can better understand your skills. For this exercise, you will be testing a simple photo viewing app for Android. Please add the following to the code base and documentation:

1. Identify any bugs/performance issues in the code.

* There is no code optimization in fragment creation.
* Retrofit is not properly architectured.
* No Drawer menu to create a profile and change language option.
* No Material Design is used

2. Create Unit tests where you see fit

Code is added in GitHub.

3. Create UI tests where you see fit

Code is added in GitHub.

4. Would you change the architecture of the code in any way?

Yes, I did and created a new project which is having the new material design and did automation using espresso.

Packages are not placed in respective fragments so I did that.

5. List three features you would build on top of this sample application to create the next Android photo viewing app for News Corp.

1.Creating a bottom bar.

2.Create a subscription option.

3.Can share the news to friend via action send Facebook or what’s app etc.

4.create an overlay YouTube video option play the news videos using YouTube Api available in android.

5.swipe action like Instagram to view the news.

NewsCorp\NewsCorpDemo\app\src\androidTest\java\com\newscorp

-🡪run the BaseTest.Java

NewsCorp\NewsCorpNewStyle\app\src\androidTest\java\info\newscorp\bottomnavigation

🡪 run the NewsCorpTest.Java

This code test should represent your best possible work. Your tests should be concise, clear, and reusable.

The following, in order of importance, will be analyzed when we review your code test:

● Architecture

● Technical Knowledge

● Bugs

● Code Hygiene

● Documentation Feel free to use any third-party libraries you’d like. You have as much time to complete the exercise as you need, and you will not be judged based on the amount of time it takes you to complete. Document any assumptions in the code documentation that you make during the process.

We’ll be sure to get in touch after we’ve reviewed your application and provide feedback even if we decide not to continue the interview.

Thanks again for taking the time and good luck!