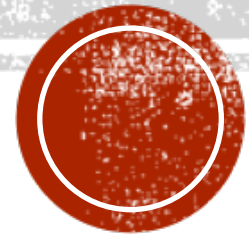


PROGRESS REPORT

FOR 3/5

Chi Chen



OUTLINE

- I run two more real apps “Kistenstapein” and “NextCloud” in Android Studio and run them with ChimpCheck.
- For Kistenstapein, I successfully find out a way to crash the app by looking into the code and the stacktrace.
- For NextCloud, this is a more complicated app, so I’m still finding a way to crash this by only looking at the code and the stacktrace.



CHALLENGE I MEET

- First thing is that I still not that familiar with Android and ChimpCheck, I need to ask Peilun for help to run the first app, but after that, I successfully set up the second app by myself.
- I don't familiar with Android code, so even the Kistenstapein app is really simple and should be easy to know how to crash, it still takes me around two hours to find out how to crash that by hand.



HOW I FIND OUT A WAY TO CRASH

- In the beginning, I check the method which will crash the app in stacktrace. Then try to realize what this method is for and when will this be triggered.
- The method is “onFinish”, in that method it will show 00:00:00 on the screen, so it should be the end of the timer.
- Then I just try to rotate the screen before time’s up, or try to click some buttons, but all of them didn’t lead to crash.
- I start to add some other logs to see which method will be triggered when I click on every button, hope it can help me realize the app more.
- In the end, I suddenly find out that I only need to start the timer and go to another page, the app will be crash when time’s up.

