Current Progress of Master thesis

Literature study:

I took some notes and basic ideas for the thesis project after reading related papers. Those contents could be found in the attachments: ***thesis idea*** and ***Hardening registration****.*

Work at the moment:

Root detection is one of the most important problems. I intend to implement root detection on mobile devices. Therefore, I carefully read through ***Android rooting-Race between Evasion and Detection*** and ***Android rooting- Methods, Detection and Evasion****.* Some notes can also be found in the attachment- ***thesis idea***

To understand those most commonly used method of detection and evasion, I downloaded source codes of ***Magisk, Rootcloak*** and ***Rootbeer***. Now I’m studying those codes and try to figure out a more thorough solution to root detection.

I’ve rooted an Android 7 device and test some detection methods, therefore I could spend less time on the client side and more time on something that I’m not familiar with later at the beginning of the thesis.