

Project: Trusted Electronic Systems

Advisor: Dr. Geiger & Dr. Chen

Members: Fatema Aftab (Team Leader), Yitao Liu (Key Concept Holder), Qian Chang (Communications Leader) Chao Huang (Communications Leader), Colton Bachman (Webmaster), Xin Hu (Webmaster)

Weekly Summary

This is spring break week. We do not have meeting with Dr. Geiger and Dr. Chen. What we did during this week is designing virtual vending machine, corresponding Trojan that will be inserted into the vending machine later. Additionally, we were also keeping learning the detection method. Finally, we also finished the design document, which spent lots of time of us.

Pending Issue

1. Try to make the virtual vending machine as complex as possible
2. Try to design the Trojan that is difficult to be found.
3. Learn the virtual detection method.

Plans for next week

1. Yitao and Fatema need to finish the vending machine.
2. Qian and Chao need to find a way to detect Trojans beside and based on traditional ways.
3. Xin and Colton try to hide the Trojan based on the designed vending machine.

Personal Contribution

- Chao Huang (11.5hrs): learn the detail of each detection methods and write the detection part for design document.

- Qian Chang (12hrs): Try to find out a different way to detect Trojan and put what he got in the design document.
- Fatema Aftab (12.5hrs): try to make the vending machine complex and edit the document design for the group
- Xin Hu (11.5hrs): design the difficultly detected Trojan and write the Trojan design part with Colton for the design document.
- Colton Bachman (10.5hrs): learn how to make a Trojan in vending machine and write the Trojan design part with Xin for the design document.
- Yitao Liu (11hrs): design the vending machine and try to make it as complex as possible. This make our project breakthrough a lot.

Name	Weekly hours	Cumulative hours
Chao Huang	11.5hrs	48hrs
Qian Chang	12hrs	49hrs
Fatema Aftab	12.5hrs	54.5hrs
Xin Hu	11.5hrs	49.5hrs
Colton Bachman	10.5hrs	42.5hrs
Yitao Liu	11hrs	45hrs