

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 week, each of us make a short presentation with PPT to our advisor, we showed them what we did last week and what's our plan for our project. We discussed about our design of vending machine, and under the instruction of our advisor, we decided to use normal commercial vending machine and its code. Then we applied that on FPGA board and trying to insert Trojans in it. Also, we prepare to design two kind of Trojans, one is trick owner of Vending machine and one is trick costumer. So now we start to work on our new task after the meeting.

## Pending Issue

1. Find what kind of Trojans we want to insert in vending machine.
2. Find a proper commercial vending machine code.

## Plans for next week

1. Yitao and Fatema need to work on commercial vending code.
2. Qian and Chao need to find a way to detect Trojans beside and based on traditional ways.
3. Xin and Colton need to work on programming Trojans.

## Personal Contribution

- Chao Huang (6hrs): learn the detail of each detection methods
- Qian Chang (6hrs): Looking for ways of detect Trojans.
- Fatema Aftab (11hrs): Find commercial vending machine code
- Xin Hu (6.5hrs): find code of vending machine and research how to make Trojan in FPGA.

- Colton Bachman (5 hrs): learn how to make a Trojan in vending machine.
- Yitao Liu (5hrs): Find vending machine code .

Name	Weekly hours	Cumulative hours
Chao Huang	6hrs	36.5hrs
Qian Chang	6hrs	37hrs
Fatema Aftab	11hrs	42hrs
Xin Hu	6.5hrs	38hrs
Colton Bachman	4hrs	32hrs
Yitao Liu	7 hrs	33.5hrs