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 we pay more attention on final presentation. Additionally, due to the personal issue of Yitao Liu, the rest of vending machine problems are still pending. Colton and Xin come up with some ideas to make Trojan more advance. Chao and Qian put effort on finding the method to detect Trojan on FPGA board. We also cancel the meeting with two professors, because the pending issues have not been solved.

Pending Issue

1. Debug vending machine.
2. Make Trojan more complex and put it into the vending machine.
3. FPGA measure method.

Plans for next week

1. Yitao and Fatema have to debug and get final draft for vending machine.
2. Qian and Chao need to start measuring the FPGA board to test the detection method.
3. Xin and Colton trying to finish Trojan design.

Personal Contribution

- Chao Huang (5hrs): Still learning FPGA measure method, and try to test these methods in lab.

- Qian Chang (4hrs): Try to run the vending machine code on FPGA and measure the output.
- Fatema Aftab (5hrs): Do some documentation work for final presentation and help Yitao finish vending machine design.
- Xin Hu (4hrs):Still try to make Trojan as complex as possible.
- Colton Bachman (3hrs): making Trojan more complex by using sequential and combinatorial logic.
- Yitao Liu (5hrs): Debug design and trying to complete whole design.

Name	Weekly hours	Cumulative hours
Chao Huang	5hrs	58hrs
Qian Chang	5hrs	58hrs
Fatema Aftab	4.5hrs	64hrs
Xin Hu	5hrs	58.5hrs
Colton Bachman	5.5hrs	51hrs
Yitao Liu	4hrs	54hrs