

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 continued work on final presentation, we finished our draft for presentation and make arrangement for each person during this presentation. Also, we still improve our vending design and Trojan design. Also, we are still trying to figure out the best testing method for hardware Trojan and find the best way we will use in our final design.

Pending Issue

1. Set up pin and debug vending.
2. Final presentation.
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 improve detection method.
3. Xin and Colton improve Trojan design.

Personal Contribution

- Chao Huang (5hrs): Figure out how to detect current and power.
- Qian Chang (5hrs): Trying to set up pin and detect each part of vending machine.
- Fatema Aftab (7hrs): Finish up presentation.

- Xin Hu (5hrs): Improve Trojan code.
- Colton Bachman (4hrs): Gather data of Trojan, and improve it.
- Yitao Liu (5hrs): Debug design and set up pin for each part.

Name	Weekly hours	Cumulative hours
Chao Huang	5hrs	63hrs
Qian Chang	5hrs	63hrs
Fatema Aftab	7hrs	71hrs
Xin Hu	5hrs	63.5hrs
Colton Bachman	4hrs	55hrs
Yitao Liu	5hrs	59hrs