sdmay19-13: Small Equipment Checkout System
Week 7 Report
April 1 -April 7

Client & Advisor:

Leland Harker

Team Members

Yimin Wang — *Hardware team (Chief Manager)*
Fengnan Yang — *Hardware team (Hardware Reporter and Meeting Manager)*
Jiaxin Li — *Hardware team (Treasurer)*
Caining Wang — *Software team (Software Reporter)*

Summary of Progress this Report

In this week, the hardware group finished solder and test PCB version 3. However, the OWFS cannot show the address. Then, they tried to reset the OWFS, and the problem wasn't solved. They discussed with Harker and he provided some potential solutions. For the software team, they added new alarm page, close locker component and modified Server.js so it goes to alert page after checkout.

Pending Issues

1. The system can find the master device, but the master device cannot detect the slave device.
2. No address of slave devices shown in OWFS

Plans for Upcoming Reporting Period

1. Reset and test the OWFS with the other slave device.
2. Test master device.
3. Start test website with hardware.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours

Jiaxin Li	1. Soldered PCB version 3. 2. Figured out the OWFS cannot show the address. 3. Tested the voltage on Slave Device PCB and excludes the problem cause for it.	8	116
Yimin Wang	1. Soldered and tested PCB version 3, the test failed. The OWFS is unable to show the address of the slave devices. 2. Tried to reset the OWFS, and the problem wasn't solved.	8	114
Caining Wang	1. Added new alarm page. In this page, it reminds the user to close the locker after checkout, and there is a countdown. When the countdown is finished, it will play an alert sound. 2. Added close locker component which refers alert page in App.js. 3. Modified Server.js so it goes to alert page after checkout.	8	117
Fengnan Yang	1. Soldered PCB version 3 and tested it. 2. Researched the reason of our system test fails. 3. Discussed with Harker of our master device issue.	8	115

Gitlab Activity Summary
Nothing to report.