sdmay19-13: Small Equipment Checkout System
Week 4 Report
March 1 - March 10

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, based on the feedback from the Harker, hardware group made some adjustments for the slave circuit. We redesign the voltage regulator circuit in order to get 5 volt voltage power supply. Also, we changed pmos to control the latch circuit. Then, we tested out new circuit. For the software group, they modified homepage so it will display equipment's status on the GridList. Beside this, they added more function to the check out webpage.

Pending Issues

1.   How to set up the OWFS
2.   Change checkout process

Plans for Upcoming Reporting Period

1.   Design the PCB version 2

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Jiaxin Li	1. Changed the latch circuit controller from	4	93

	voltage regulator to PMOS. 2. Tested the voltage regulator circuit for supplying 5 volts voltage. 3. Tested the threshold voltage of PMOS for new circuit.		
Yimin Wang	Rebuilt the circuit 1. Modified the voltage regulator circuit. 2. Modified the latch circuit: using PMOS to control.	4	94
Caining Wang	1. Meet with our advisor and client to get advice about the newly added homepage from him. 2. Modified homepage so it will display equipment's status on the GridList. 3. Modified GridList so if the item is borrowed or not available, click it won't go into that equipment.	5	95
Fengnan Yang	1. Adjusted and tested our slave circuit based on Harker's suggestions with Yimin Wang and Jiaxin Li. 2. Changed and tested the voltage regulator.	7	93

Gitlab Activity Summary
Nothing to report.