
sdmay19-13: Small Equipment Checkout System

Week 8 Report

April 8 - April 14

Client & Advisor:

Leland Harker

Team MembersYimin 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, to solve the issue of the PCB, our hardware group tested each point voltage and figured out the master device has burned. Then, they change the configuration of OWFS. Because the master device is designed by the previous group, so that they spend several days to familiar with the circuit and ordered circuit components to build another master device on the breadboard. For the software group, they Fixed bugs that backend cannot communicate with hardware and modify OWFS's config file.

Pending Issues

1. The master device is not working
 2. Although backend can communicate with hardware now, there are still problems in frontend.
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Plans for Upcoming Reporting Period

1. Order a new master device and build the master circuit.
 2. Fix the problem that frontend cannot send correct request to backend.
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Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
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Jiixin Li	<ol style="list-style-type: none">1. Dismantled the master device and tried to find the problem with.2. Tested each point voltage and figured out the master device has burned.	10	126
Yimin Wang	Found and solved the problem. The master device was burned during the test last week. Change the configuration of OWFS.	10	124
Caining Wang	<ol style="list-style-type: none">1. Tested website with old hardware and check where goes wrong.2. Fixed bugs that backend cannot communicate with hardware.3. Modify OWFS's config file to solve OWFS server cannot control the hardware with Yimin.	9	126
Fengnan Yang	<ol style="list-style-type: none">1. Solved the issue of the master device.2. Ordered master circuit components online.	7	123

Gitlab Activity Summary

Nothing to report.
