

sdmay18-21: Smart Laundry Planner

Week 11 Report

November 8 - November 16

Team MembersYazan Okasha — *Hardware Engineer*Almedin Mulalic — *Backend Engineer*Nathan Francque — *Hardware Engineer*Grant Wanderscheid — *Team Lead and Mobile Development Engineer*Lily Mosman — *Backend Engineer*Jay Sanborn — *Mobile Development Engineer***Summary of Progress this Report**

The past week, our team had the primary focus on finalizing documentation that we will need to submit at the end of the semester. The documents worked on by the team were the Project Plan, Design Document, and the Final Presentation. This will remain the primary goal until everything has been submitted. Our secondary goals at this point are to further the technical development of our project. The hardware team has still been unable to test their current(induction) sensor because it still has not arrived. In the meantime, Nathan has shifted his focus to help Almedin develop a simple desktop application that allows store owners to monitor their machines and other store data we aim to provide in the coming months. Lily has also continued her development on the interactive store map over the past week. She has switched her implementation approach and has been making significant progress on its implementation.

Pending Issues

- Still waiting on current sensor to arrive for testing -Hardware Team

Plans for Upcoming Reporting Period

Further prepare documents and presentation for submission at end of semester -Team

Commenting/documenting of code within mobile application -Grant

Continue development of interactive store map -Lily

Further progress the UI of electron application -Almedin and Nathan

Test with current sensor if it arrives -Hardware Team

Implement polished card views -Jay

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Yazan Okasha	<ul style="list-style-type: none">• NA	0	70.25
Almedin Mulalic	<ul style="list-style-type: none">• Documentation Preparation• Worked on client/store GUI• Researched Electron software for creation of desktop app for the client/store GUI	4.5	41.5

Nathan Francque	<ul style="list-style-type: none">• Researched Electron software for creation of desktop app for the client/store GUI• Started implementation of client application using Electron• Documentation Preparation	6	42
Grant Wanderscheid	<ul style="list-style-type: none">• Documentation Preparation	4.5	96.25
Lily Mosman	<ul style="list-style-type: none">• Development of interactive store map (switched to jQuery implementation)• Documentation Preparation	6	39
Jay Sanborn	<ul style="list-style-type: none">• Research on expandable animations within mobile app• Documentation Preparation	4	50.75