

sdmay18-21: Smart Laundry Planner

Week 2 Report

September 6 - September 13

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

This week we had a couple meetings. One meeting was between the mobile development team and the backend team. In this meeting, various database relations that are going to be needed were discussed. This week we also met with our advisor. In this meeting the hardware team received the go ahead to order some parts for the physical device that's going to be developed. This will serve as a prototype to let us experiment with sending data to the database then querying it, as well as see if the parts we picked out are what we want moving forward. The mobile app is moving along nicely, the backend team has started creating database tables, and the hardware team has submitted a parts order.

Pending Issues

- Hardware team is waiting for parts
 - A server that Nathan had requested be set up is not actually up as we were told
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Plans for Upcoming Reporting Period

Hopefully get parts and start messing with sensors and signals – Hardware Team

Continue creation of database – Backend Team

Try to get new user registration working- Almedin

Start development of a google maps page -Jay

Create a login page and start development of store map page if possible – Grant

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Yazan Okasha	<ul style="list-style-type: none">• Research of device parts• Input in meetings regarding the hardware that was chosen	2	3.5
Almedin Mulalic	<ul style="list-style-type: none">• Input in meetings regarding database relations• Started creation of user info table• Research on communicating with server and mobile app	3	5.5
Nathan Francque	<ul style="list-style-type: none">• Research of device parts• Input in meetings regarding the hardware that was chosen	2	6
Grant Wanderscheid	<ul style="list-style-type: none">• Input in meetings regarding database relations• Development of the store selection, machines , share, and contact pages.	13.5	17.5
Lily Mosman	<ul style="list-style-type: none">• Input in meetings regarding database relations• Started creation of databases• Updated team website• Database/server research	4	6.5
Jay Sanborn	<ul style="list-style-type: none">• Input in meetings regarding database relations• Established android overlying architecture• Commented some uncommented code	2.75	6.75