

sdmay18-21: Smart Laundry Planner

Week 4 Report

September 20 - September 27

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 the mobile development app was advanced by adding a delete functionality to the store selection page, and a google maps page to view multiple store locations was started. The hardware team's parts started arriving this week, they are just waiting on an Arduino now that they have their sensors. The backend team continued various database and server tactics to be able to progress among the creation of a testing table and various get/post request scripts outlined in the contributions table.

Pending Issues

- Still trying to get php login/registration scripts to work – Almedin
 - Still figuring out some animation aspects of fling to delete in mobile app – Grant
 - Still waiting on Arduino to be used with sensors that already arrived – Hardware Team
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Plans for Upcoming Reporting Period

Test out parts upon arrival but otherwise continue effort to get the C# server operating – Hardware Team

Try to get new user registration working - Almedin

Further develop store selection page by adding animation to delete functionality – Grant

Develop plan to connect database to main server and start implementation for communicating with the mobile app- Lily

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Yazan Okasha	<ul style="list-style-type: none"> Started considering C# on Unix 	1.25	5.25
Almedin Mulalic	<ul style="list-style-type: none"> Working on creating API to communicate with the database and mobile app Created php scripts for: <ul style="list-style-type: none"> Connecting to database Storing and getting user from database Login and registration post/get requests 	5	11.5
Nathan Francque	<ul style="list-style-type: none"> Researching iis vs. kestrel for hardware local server setup 	2	11
Grant Wanderscheid	<ul style="list-style-type: none"> Finished documentation of project plan Added delete store functionality to the store selection page of android app Started trying to figure out UI animation to improve user experience of delete 	7	32.5
Lily Mosman	<ul style="list-style-type: none"> Updated team website <ul style="list-style-type: none"> To reflect team progress, purpose statement, and goals By adding weekly reports and project plan version 1 To more effectively communicate team's ideas to visitors Researched ways to connect SQL database to C# 	2.5	12
Jay Sanborn	<ul style="list-style-type: none"> Created a figure illustrating the relationships within the android mobile application that is being developed Research and development on google maps store location page in mobile app 	3	10.25