sdmay18-21: Smart Laundry Planner
Week 3 Report
September 13 - September 20

Team Members

Yazan 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 met with Mr. Trajcevski to discuss the current state of the project. In the meeting, we also were able to present the list of functional and non-functional requirements we devised. This allowed for us to get some good input as how to slightly alter the list. The mobile development team was able to make some more progress this week by further developing the app in the state of which it does not talk to a server yet. They are waiting for the backend team to implement some functionality that allows for the interfacing of mobile with the server/database. The backend team has been drafting database relations and is ready to start some implementation. Lastly, the hardware team has been waiting for parts and trying to get their local server functioning. Version one of the project plan document was written this week and can be found on the team website in the coming days as the website will be undergoing further development then.

Pending Issues

- Waiting for parts – Hardware Team
- Implementing local server that interfaces with device(s) and centralized server – Hardware Team
- Trying to figure out how to make interactive store map – Mobile Development Team

Plans for Upcoming Reporting Period

Test out parts upon arrival and decide on server implementation – Hardware Team
Create table for laundry facility's database relations and research answering queries from mobile app – Lily
Try to get new user registration working - Almedin
Start development of a google maps page - Jay
Continue the composition of required documentation, research store map approaches – Grant

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Yazan Okasha	• Discussing functional and nonfunctional requirements with team advisor	.5	4
Almedin Mulalic	• Discussing functional and nonfunctional requirements with team advisor • Research into how to implement user registration in the database	1	6.5
Nathan Francque	• Trying to implement local server for interface with device and centralized server	3	9
Grant Wanderscheid	• Discussing functional and nonfunctional requirements with team advisor • Development of the login page • Research of interactive store map • Project plan document composition	8	25.5
Lily Mosman	• Database relations drafting • Updated team website • Database/server research	3	9.5
Jay Sanborn	• Discussing functional and nonfunctional requirements with team advisor	.5	7.25