

**sdmay18-21: Smart Laundry Planner**

Week 10 Report

November 01 - November 08

**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*

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**Summary of Progress this Report**

This week the hardware team has been waiting for their part order to come in. Once they receive their ordered current sensor, they will be able to begin testing to see if it is a better solution than the previous vibration sensor. They have further continued to develop the client side server in the meantime. The Mobile development team was able to further clean up the UI within the app to increase user experience within the application. The Backend team furthered their research and development regarding local server web portals and an interactive store map that would be displayed within the mobile application. A few members of the team also collaborated on refining existing documentation. The refined documentation now better reflects our progress and goals. We will continue this next week as we start to prepare our final presentation while also further refining our project plan and design documents.

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**Pending Issues**

- Waiting for current sensor from ETG -Hardware Team
  - Cannot find any resources relating to horizontal view expansion for machines page app UI -Jay
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**Plans for Upcoming Reporting Period**

Change app menu layout slightly, work on final presentation, research google maps cluster markers -Grant

Clean up client side server code and allow for logins -Yazan

Hopefully receive parts and begin testing/implementing -Hardware Team

Begin a mock-up of interactive store maps webpage -Lily

Implement the more complex animations within the machines page of app -Jay

Continue development on webpage for local server and see if any other team needs help -Almedin

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**Individual Contributions**

Team Member	Contribution	Weekly Hours	Total Hours
Yazan Okasha	<ul style="list-style-type: none"><li>• Document Revisions</li><li>• Updated client side server to allow for execution of python scripts</li><li>• Updated client side server to automatically display com and WIFI options.</li></ul>	8	60.75
Almedin Mulalic	<ul style="list-style-type: none"><li>• Continued development on local server web portal, added table of related store machines and their status to webpage</li></ul>	4	27
Nathan Francque	<ul style="list-style-type: none"><li>• Received survey results relating to physical machine alterations</li><li>• Followed up on part orders with ETG</li></ul>	2	31
Grant Wanderscheid	<ul style="list-style-type: none"><li>• Added side menu to google maps mobile app page</li><li>• Added dynamic store email to contact dialog box in mobile app</li><li>• Added logout functionality to mobile app</li><li>• Added and edited UI icons within mobile app</li><li>• Added dynamic store name to the top of the machines page in mobile app</li><li>• Documentation revisions</li></ul>	8	80.75
Lily Mosman	<ul style="list-style-type: none"><li>• Continued research on interactive store map</li><li>• Team website updates</li></ul>	2	26
Jay Sanborn	<ul style="list-style-type: none"><li>• Documentation revisions</li><li>• Animation research</li><li>• Simple animations implemented within machines activity of app</li></ul>	8	38.25