sddec20-02: Laptop Lending Status System
Week 12 Report
October 27th - November 9th

Team Members
Zoe Sanders — *Software*
Farouk Al Obaidi — *Software*
Camden Thomas — *Hardware+Software*
John Wagner — *Hardware*
Aaron Thune — *Hardware*
Ryan Ray — *Software*

Summary of Progress this Report
● Met with team
● Finished admin interface

Pending Issues

Plans for Upcoming Reporting Period
● Make new working hardware prototype

Individual Contributions

Team Member	Contribution	Weekly Hours
Zoe Sanders	● Team meetings ● Client meeting ● Began working on IRP ● Improved Edit Color Mapping page	10.5
Farouk Al Obaidi	● Team meetings ● Client meeting ● Began working on IRP ● Fixed some test cases	11
Camden Thomas	● Team meeting ● Client meeting ● Began working on IRP ● Touched up admin interface.	5.5+6=11.5
John Wagner	● Team meetings ● Client meeting ● Began working on IRP	11

	● touched up models and designs	
Aaron Thune	● Team meetings ● Client meeting ● Began working on IRP ● Assembled LED strip enclosure for demo purposes ● Integrated LED driver library into project ● Tested integration of LED driver library with project ● Work on single power-supply design for powering Pi and LED strip	8+6=14
Ryan Ray	● Team meetings ● Client meeting ● Began working on IRP ● Added support for multiple admins ● Validated inputs ● Added more useful error messages ● Added a failing pi to our tests ● Implemented pi settings page ● Added libcal status to dashboard ● Added live refresh to dashboard ● Improved libcal api client performance ● Show led status/color on dashboard ● Fixed font sizes	23

Git

Nov	9	master	Merge branch 'Aaron'
	5		Merge branch 'statuses' into 'master'
			Block span clicking
			Remove old polling time
			Format short fetch time
			Add spinner when working
	4		Fix timestamps
			Add sort to table utility
			Fix headings
			Fetch libcal status and fix font sizes
			Improve libcal fetching performance
			WIP: Refactor and optimize libcal
			Auto add color statuses
			Add pi led colors
			Display resource states on index
		rackpi-image	Allow .zip in gitignore
			Add rackpi image
			Readd gitignore
	3		Merge branch 'settings' into 'master'
			Disable ci since runner is down
			Upgrade old accounts
			Add multiple admin users
			Log rest api errors
			Add validation and helpful errors
	2	Aaron	Fix import
			Handle a failing pi
			Add failing pi
			Use GPD for colors

Oct	30		Updated LED driver module and corresponding test script. Requires minor change in other software componen
			Add the ability to delete pis
			Add the ability to rename a pi
			Add links to device listings
			Add status to pi page
			Add page to modify config
	27		Merge branch 'auth' into 'master'
			Tweak wording
			Merge branch 'master' into auth
			Add separate login page
	26		Merge branch 'camden' into 'master'
	20		Add user to settings
			Merge branch 'master' into auth
			Add username to pages
		camden	Dashboard page now uses live data
			updated API-Com to support del mapping function.