

sdmay18-28: Office Door Kiosk for University Faculty

Week 10 Report

November 9 - November 16

Team Members

Evan Foley — *UI/UX lead*

Eric Rysavy — *Documentation Lead*

Jacqueline Johnson — *Project Manager*

Peter Laurion — *QA lead*

Weston Morgan — *Product Manager*

Christopher Duncan — *Architecture lead*

Summary of Progress this Report

During this reporting period we discussed the design document and sections that we should fix. We asked our Adviser how we should go about improving our testing portion of the design document. His response was that we should include a generic state change system, a security testing section, and validation framework for different inputs. We also continued our discussion about using redux for our application and the general way it can and should be used. Chris and Eric got synchronized displays to work, could edit one application and the other on a different computer emulator would reflect that change. We also got video chat working on physical devices.

Pending Issues

All members of the team should have their code on our team gitlab. We need to figure out how to make an input page work. Need to figure out what our conventions will be in regards to using redux.

Plans for Upcoming Reporting Period

Over thanksgiving break our team will be working on figuring out how to use redux better and try to create a login page using it. Component templates will began being made by Evan. We will also we working using the synchronous display code with widgets implemented by the team.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Evan Foley	This past week Evan used a react native based library of UI to create our applications own components that would be standardized throughout our application.	6	70
Eric Rysavy	Eric worked with Chris and succeeded in getting synchronized state exchange working on two different emulators on two different machines. Two of them worked as a team on making it so that on a state change the state is passed to a node server which emits that to	7	66

	a room and other machines get the new state and update their applications's state.		
Jacqueline Johnson	Jacqueline got video chat working between two devices not connected to a computer. She also worked on getting a grasp on Redux by trying to make a Todo widget, which as of yet does not work.	6	68.5
Peter Laurion	Looked into using Apium for testing, but doesn't know how we would put it to use. Worked on creating a Todo widget with Jacqueline using Redux.	6	67
Weston Morgan	Weston this past week worked on creating a login page. Ran into a problem with getting an input to work with redux. Also had problems with using react-native components with other native based components. These would sometimes not show up in the view, we figured out this had to do with flex height.	7	71
Christopher Duncan	Chris worked with Eric this past week and succeeded in getting synchronized state exchange working on two different emulators on two different machines. Two of them worked as a team on making it so that on a state change the state is passed to a node server which emits that to a room and other machines get the new state and update their applications's state. They also had to spend a few hours figuring out how heroku works.	7	68