

sdmay18-14: Mobile and Web Timecard

Week 7 Report

November 10 - November 17

Team MembersChristian Wessler — *Lead Designer/Documentation Keeper*Nicholas Flege — *Lead iOS Programmer*Andrew Hoelscher — *Lead Tester*Connor McCann — *Lead Android Programmer*Cole Stephan — *Lead Server Programmer*Jason Thomas — *Administrative Lead*Thomas Reins — *Lead Web Programmer***Summary of Progress this Report**

Have began using the tutorials provided by Tom from Genova to set up the database and connect it to the Microsoft Azure app server. We have shown screen sketches to Genova and they have received those positively. Made a few decisions on frameworks and languages to use for the apps.

Pending Issues

I don't think we have any pending issues.

Plans for Upcoming Reporting Period

We will be setting up the database and hopefully populate it with the dummy data provided to us by Tom. Also continue working through tutorials Tom has requested we work through.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christian Wessler	Began designing screens for applications and reviewing azure tutorials.	4	32
Nicholas Flege	Setup VMWare to run windows on Mac for local running/testing of Azure App Server and Database. Researched iOS libraries for HTTP/API communication and JSON parsing. Decided to use the default networking and JSON libraries created by Apple with Swift 4 to handle API communication with our app server.	7	47
Andrew Hoelscher	Get the most recent version of our application from github, and make sure everything works on my new computer. Also made a mock screen of a timecard similar to	5	31

	the old style genova used.		
Connor McCann	Went over the Azure tutorial sent to us by Tom, worked with team to get it up on github, began researching android studio libraries for communication between our app and the database.	6	36
Cole Stephan	Did the Azure tutorial given to us by Tom, met with team, designed screenflow for mobile and desktop applications for normal users and administrators.	4	34
Jason Thomas	"Went through the database tutorial Tom sent us on my Windows and was able to stand up an Azure app connected to the database using visual studio. We should be able to use the code first components and other parts of the tutorial to setup our database using the code first components. We met and were able to set up a github repo for us to use. Continuing reviewing some angular for the web development"	7	41
Thomas Reins	Installed a virtual machine on my Mac to run Windows 7 thus circumventing an issue I was having with Visual studio for OSX. Had discussions with Tom Sidebottom regarding the framework we wish to use for our web development. In addition, to that research, I have been plugging away with the database creation using Microsoft's "code first" technique.	8	41