

## sdmay18-14: Mobile and Web Timecard

### Biweekly Report 2

January 26 – February 9

### Team Members

Christian Wesseler — *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*

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### Summary of Progress this Report

Finalized upload page for initial web app and published web app and database to Azure. Setup automatic deployment of web app/api to Azure whenever changes are pushed to GitHub. Created initial timecard iOS app that connected to the projects api endpoint to pull and display the list of projects from the database on the iOS client. Met with team for weekly meeting and reviewed Azure credentials. Began working on android development after meeting with Tom. He provided sample Kotlin and Swift code to try and guide us. Have been able to connect to our server I believe, but was not able to complete and function calls. Still lots of learning to do on the android side. Had demo with Genova over GoToMeeting but due to tech difficulties wasn't able to hear or communicate .

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### Pending Issues

No pending issues.

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### Plans for Upcoming Reporting Period

Create User table in database and add dummy test data so serverside work can start for authentication endpoints. Continue work on iOS client app, specifically sign up and sign in features and setting up architecture for api interactions. Help get server authentication endpoints setup so client apps can begin to call them. Complete function call and get back in track with the iOS side. Be able to input data from client side and start on creating users from client as well and login features associated

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### Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Christian Wesseler	Weekly meeting, review of database	7, 7	14

	credentials, began learning Kotlin programming language based on examples provided by Genova. Updated development platforms to integrate with Kotlin.		
Nicholas Flege	Finalized upload page for initial web app and published web app and database to Azure. Setup automatic deployment of web app/api to Azure whenever changes are pushed to GitHub. Created initial timecard iOS app that connected to the projects api endpoint to pull and display the list of projects from the database on the iOS client.	8,8	16
Andrew Hoelscher	Met with team for weekly meetings, and met with Genova for weekly meetings. Looked at code on GitHub and followed tutorials to see how everything worked.	5, 5	10
Connor McCann	Met with team for weekly meeting and reviewed Azure credentials. Began working on android development after meeting with Tom. He provided sample Kotlin and Swift code to try and guide us. Have been able to connect to our server I believe, but was not able to complete and function calls. Still lots of learning to do on the android side. Had demo with Genova over GoToMeeting but due to tech difficulties wasn't able to hear or communicate .	6, 6	12
Cole Stephan	Setup basic endpoint for pulling projects from database. Setup server and security group settings on Azure.	6, 6	5
Jason Thomas	Met with the team a few times to go over what we needed to get finished for the demo for our meeting with Genova and get the Azure going Met with Tom for a tech talk and he walked us through some sample swift and kotlin code. I have been doing a lot of Angular tutorials and whatnot. Tommy and I are going to mainly focus on the web development I think so we need to talk about that once he is over his sickness	7, 7	14
Thomas Reins	Had a myriad of issues running visual studio on my mac. Running a VM was not possible with my limited amount of RAM. So, I installed Windows on my Mac on a secondary	10, 10	20

	HDD so that I might be able to use Visual Studio on Windows. Total time spend on this endeavour totalled 40 hours due to this operation not being officially supported by Apple. Overall it was a success. I will only list 20 hours of work time so as not to skew numbers. I was then sick for remaining portion of this time period.		