

sdmay18-07: InfraDrone UAS Data Display VR Portal Android Application

Week 4 Report

October 3 - October 10

Team Members

Evan Snitkey — *Project Manager*

Blake Agey — *Scrum Master*

David Schmadeke — *Quality Assurance*

Yangxiao Wang — *Web Master*

Summary of Progress this Report

Base Android application UI is complete. We made progress with connecting the application with Amazon web services such as Cognito and AWS. We added a fly-in side menu to the app to mirror the sidebar on the currently existing web portal.

Pending Issues

We currently are having trouble receiving user data from Amazon identity pool. We also need to figure out how to connect the Amazon identity pool feature with InfraDrone's account information.

Plans for Upcoming Reporting Period

We plan to have the main menu layout completed and add functional navigation via buttons on the fly-in sidebar to more pages such as image viewer and other pages. We will continue trying to fix the Amazon web services authentication problem.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Evan Snitkey	Evan did more research in best Android application designs and started working on a basic visual prototype of the navigation and pages to be used on our design document.	4	20
Blake Agey	Blake worked with trying to get a connection to the Amazon AWS database using the keys that we were given from the client.	4	20
David Schmadeke	David worked on prototyping the main menu design and navigation bar. He followed tutorials on best mobile application navigation design.	4	20
Yangxiao Wang	Yangxiao continued working on trying to get Amazon web services authentication to work with the Android application. He added a	6	26

