EE/CprE/SE 492 WEEKLY REPORT 2

January 25th – February 07th

Group number: sdmay18-07

Project title: InfraDrone Android VR Application

Client &/Advisor: InfraDrone, Mitra

Team Members/Role:
Evan Snitkey — Team Project Manager
Blake Agey — Team Scrum Master
David Schmadeke — Team Quality Assurance
Yangxiao Wang — Team Webmaster

NAME	Contributions	Hours this period	HOURS cumulative
Evan Snitkey	Started merging VR code to master, helped create checklist	7	11
Blake Agey	Merged his 3D object code to master, helped create checklist	6	10
David Schmadeke	Worked on PDF image touch sliding, helped create checklist	5	9
Yangxiao Wang	Tested working within the newly created bucket from our client containing narrowed down data, helped create checklist	6	10

- o **Period Summary (Short summary about what you did this week)**

- We all met with our advisor and he advised us to create a page-long checklist of all the features we need to complete this semester. We created this checklist and wrote the weights for each task (1-5). We are showing our client the checklist today and our advisor tomorrow (next period).

- **Past period accomplishments (please describe as what was done, by whom, when or collectively as a group)**

  - We met with our faculty advisor and he advised us to create a checklist. We all got together and created a brainstorming session so that we could create all the necessary tasks to finish the project by the end of the semester. We also added how much we thought each of the tasks were worth (1-lowest, 5-highest in terms of difficulty and time consumption). The checklist is at the bottom of the page. We will update this and attatch it to each biweekly status report.

- **Pending issues (if applicable)**

  - Our highest priority pending issue is merging the VR code with master so we can continue development. The secondary issue is the mlt bug which we will make sure we finish within the next two sprints. Any other issues are in the checklist at the bottom. (top are higher priority).

- **Plan for upcoming period (please describe as what, who, when)**

  - We met with our client and he liked our checklist and signed off on it. We plan on showing our advisor the page-long checklist that we created and if he signs off on it, we will assign the highest priority tasks to each member for the upcoming sprint. We already have our highest priority tasks set – merging VR code with master, fixing the mlt file parsing bug, PDF swipe to change page, and image/object filter type button. These tasks will more than likely be the tasks that we assign for the next sprint.

- **Summary of biweekly advisor meeting**

  - As stated before, our advisor had us create a page-long checklist which we are going to talk about tomorrow so that we can assign tasks. Here is the current state of the checklist:

CheckList	weight (1 - lowest, 5 - highest)
Merge VR code with current app	3
Fix mtl file parsing	5
Connect 3D model view to VR view with button	4
3D viewer touch movement	3
Finalize navigation side bar	2
File type filter - filter within current directory	4
PDF swipe to change page	2
Create code coverage tests (eliminate all bugs)	4
Extraneous testing (phone load)	4
Make UI testing survey	1
User experience testing (focus group - 10 users)	3
Security testing (Fully use authorized row)	3
File downloading animation	2
Make sure that we can view any type of file (text, other images, etc)	3
Finalize file structure	5
Image preview on file structure list	4
Client & Advisor Demo 1 = 2/21 Sam, 2/15 Mitra	3
Client & Advisor Demo 2 = 3/28 Sam, 3/22 Mitra	3
Client & Advisor Demo 3 = 4/25 Sam, 4/19 Mitra	3