



UNIVERSITY OF GEORGIA

Progress Report 1

Group 23: Respiratory GPS Tracker

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May 6, 2018

Progress Report

Date	Hours	Description
January 8th, 2018	< 1	Alex began emailing and updating our mentor with the status of our project and new short and long term goals. Of course keeping Brian and I in the loop the entire time.
January 9th, 2018	< 1	I began to email Roger Hilton to discuss a change in the allotted budget for our group so we could begin the process of ordering the new hardware.
January 10th, 2018	< 1	Alex and Brian met up with Dr. Wen Zhen Song to discuss the project face to face just to make sure we are on the right trajectory for the semester before we start to move forward.
January 22nd, 2018	< 1	Roger Hilton has granted our budget increase and I am filling out another form for him including the list of hardware from Poyzx and the pi without the developer kit this time.
January 26th, 2018	< 1	Items list has been completed and sent to Roger Hilton to be ordered and we now turn our focus to continuing development on the iOS app while we wait for the hardware.

Total Hours Since Last Update: 4

Total Hours: 57

Comments

This week was all about getting back on track after our long holiday break. The first thing that I needed to do for the group was email Roger Hilton to ask about a budget adjustment. The last few things that we did last semester was determine that bluetooth and WiFi triangulation would not work for our needs and this meant we need an entirely new solution. This landed us on UltraWideBand technology, which shares the benefits of both Bluetooth and WiFi. This of course means that we would need new hardware, which led to a massive change in the needed budget. Alex and Brian started the semester by updating and touching base with our mentor Dr. Wen Zhen Song while i worked out the budget and list of required hardware for the new design.

Design Notebook Link

[Link](#)