**Weekly Progress Report**

Project Title: 4Sole

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Name: Washington Garcia

Date: April 10, 2017

**Summary of your activities in the past week (4 points):**

Describe your (i) progress on tasks, (ii) tasks completed, (iii) demo of completed task, (iv) open challenges.

This week I helped fit the extra components inside our component box, which is a recycled Altoids can. The main reason for switching to the shoe-mounted box was ease of use and aesthetics. We redid the wiring on the components, since some of the cables were either too short or too long. After making sure all the components fit in the box with the new wiring, we routed the components in such a way to maximize space, so the lid would close. However, there is a large amount of surplus cables that are taking up space inside the box, so we may have to redo the wiring a second time to optimize the design.

**Tasks planned for this week (1 point):**

This week I must work on the app ColorHelper and weight calibration splash page. I was unable to work on this last week due to final exam, so I must finish it this week. I will also be helping with the optimization of the components box.

**Cumulative list of completed tasks:**

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| --- | --- |
| **Task** | **Completion Date** |
| Foot Sole Components Box (2/5 tasks) | 4/3/17 |
| Android Map ColorHelper & Integration (3/4 tasks) | 3/28/17 |
| Test Micro with motor drivers and pressure sensors | 3/22/17 |
| Android Bluetooth Service swap to GATT | 3/19/17 |
| DFRobot/4Sole app & connectivity fixes | 3/19/17 |
| Change deviceList pop up to only BLE devices | 3/10/17 |
| Let ImgButton initiate scan and auto refresh stop scan on close | 3/10/17 |
| Fix “Scan” functionality to be more user friendly or eliminate completely | 3/13/17 |
| Foot Sole Motor Driver Working Prototype | 2/22/2017 |
| DFRobot BLE Controller Testing | 2/19/2017 |
| Android App Requirements/Dependencies (Map) | 2/5/2017 |
| Map Activity Assets | 2/5/2017 |
| Pressure Sensor implementation to foot sole | 1/28/2017 |

**NOTE:**

1. **Individual weekly progress reports must be submitted in the class**
2. **Only typed and printed reports are accepted**
3. **Entire team should review individual member reports and provide constructive feedback**