**Weekly Progress Report**

Project Title: 4Sole

Team Members:

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Name:

Washington Garcia

Date: January 23, 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 place the pressure sensors on the sole prototype and read sensor values using the smartphone over Bluetooth. I created the sequence diagrams for the MainActivity and SplashActivity screens in the app, and experimented with Android ADB for uploading app updates over Wifi. I solidified the Android dependencies necessary to implement Bluetooth into our app. Earlier in the week, our group met with the Orthopedic and we gained insight into the proper placement of the sensors.

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

This week I will create a prototype of the app which can communicate with the Bluetooth microcontroller we currently have. This was planned for last week, but I moved it to next week to spend extra time on the sequence diagrams. However, it means that I only have this week to implement the pressure reading and motor functionality in the App. I must also finish the sequence diagram for SessionActivity, SettingsActivity, and MapActivity.

**Cumulative list of completed tasks:**

|  |  |
| --- | --- |
| **Task** | **Completion Date** |
| Pressure Sensor implementation to foot sole | 1/28/2017 |
| Android App Sequence Diagram (preliminary) (MainActivity) | 1/29/2017 |
| Android App Sequence Diagram (preliminary) (SplashActivity) | 1/29/2017 |
| Learn Android ADB | 1/28/2017 |
| Android App Requirements/Dependencies (Bluetooth) | 1/29/2017 |
| Meet with Orthopedic | 1/25/2017 |

**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**