**Weekly Progress Report**

Project Title: 4Sole

Team Members:

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Name:

Washington Garcia

Date: January 30, 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 was working on the app prototype. I determined the dependencies necessary for Bluetooth connection in Android, as well as what would be necessary for displaying the foot map. I created the MainActivity and MapActivity functionality in the app, and have implemented part of the Bluetooth connection to our Arduino. I spent most of my time adding the supporting functionality of the Bluetooth connection, such as handling cases when the antenna is turned off, or if Bluetooth is not supported on the device, and if there are no devices connected. I also created the assets necessary to add a paired device, and the foot map asset that represents a foot outline.

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

This week I will implement the functionality that connects the app to the Arduino and communicates via the Bluetooth socket. A command is in place on the Arduino that allows me to read all Analogue values, so for now I have to have the app send this command and print the result on the App screen.

**Cumulative list of completed tasks:**

|  |  |
| --- | --- |
| **Task** | **Completion Date** |
| Android App Requirements/Dependencies (Map) | 2/5/2017 |
| Map Activity Assets | 2/5/2017 |
| 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 |

**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**