**Weekly Progress Report**

Project Title: 4Sole

Team Members:

Jullissa Moreno, Armaghan Mehrsa. David Megrieta, Washington Garcia

Name:

Washington Garcia

Date: February 20, 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 implement the working prototype of our motor driver implementation. I had to desolder our existing motor driver installation and re-install 90-degree pins that arrived last Sunday. After installing the first motor driver, we decided to only install 1 motor driver, as the current supplied by each driver was plenty to power all four motors. This helped us save space and simplify the layout of future components in the sole.

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

This week I have to continue finish swapping the BluetoothSoleService on the Android app to use the GATT connection scheme, which is exclusive to LE Bluetooth. This wasn’t available in our old module, so this section of the app must be re-written. Although this task was originally scheduled for last week, I was at a graduate school visitation for half of the week, so I lost most of the time that I initially allotted. The bulk of our team’s midterms are this week, so we are anticipating a small delay in the progress of our project until everyone is free again.

**Cumulative list of completed tasks:**

|  |  |
| --- | --- |
| **Task** | **Completion Date** |
| 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 |
| Android App Sequence Diagram (preliminary) (MainActivity) | 1/29/2017 |
| Android App Sequence Diagram (preliminary) (SplashActivity) | 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**