**Weekly Progress Report**

Project Title: 4Sole

Team Members: Jullissa Moreno, Armaghan Mehrsa. David Megrieta, Washington Garcia

Name: Washington Garcia

Date: April 17, 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 finish the components box, which was made from a recycle Altoids can. I had to cut an opening into the box and fit it with a rubber grommet, so that the cables could enter the box without being frayed or cut by the metal’s sharp edges. We test-fitted with an actual shoe and all but three of the wires are of sufficient length. The wiring will be modified later so that all the wires are of equal length. Once this is done, we will wrap the harness with a braided cable wrap to improve the aesthetics. The box itself mounts to the shoe using a magnet, wedged under the shoelaces that are immediately above the tongue.

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

This week I must finish the ColorHelper and weight calibration splash page. I was unable to work on this last week due to final exams and presentations. I have already implemented the layout file necessary to show the finished color files. What remains is orienting the files onto the layout per the change in pressure.

**Cumulative list of completed tasks:**

|  |  |
| --- | --- |
| **Task** | **Completion Date** |
| Foot Sole Components Box | 4/12/17 |
| 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 |

**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**