**Weekly Progress Report**

Project Title: 4Sole

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Name: Washington Garcia

Date: April 24, 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 finished integrating the ColorHelper class into the app, which controls the map’s image selection when different amounts of pressure are applied to the insole. Functionally the class is working, but it is too sensitive per our prior analyzed values, and we must recalibrate somehow. When just standing on the insole, the pressure mapping will always go to red, whereas we would like it to be green if the pressures are even across the foot.

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

This week I must finish fixing some important usability and connection bugs with the app. I experience several crashes when disconnecting the Bluetooth module, and currently it is impossible to access the Map screen after going to the Session screen.

**Cumulative list of completed tasks:**

|  |  |
| --- | --- |
| **Task** | **Completion Date** |
| Android Map ColorHelper & Integration | 4/23/17 |
| 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**