

Team: Raspberries – CSCI3308

Date: March 8th, 2018

Time: 1pm @ Norlin Library

Attendees: Aaron, Abdul, Cooper, Liam, Ryan, Wenle

1. What have you completed since the last meeting.

We got an arduino and a humidity sensor, we connected the humidity sensor to the arduino, and we connected the arduino to a computer. We inserted the sensor into piece of soil, and managed to get the readings properly, where a lower number indicates a more moist soil. We also began working on the database and website design.

2. What will you complete before the next meeting.

By the next meeting, we will have created the database and website foundation. We will also figure out a way to get the information from the sensors to the website without using a laptop as an intermediary.

3. Describe any obstacles or roadblocks you face

We wanted to incorporate the raspberry pi to be able to receive the data and process it. However, we faced a problem with the sensor which is that most sensors only provide analog reading, so to work around this we have to use an ADC (analog to digital converter). Instead we decided as a design decision to move towards the arduino which already expects an analog signal and has a built in ADC.