



## **Meeting Minutes**

**Date:** 28 November 2019

**Time:** 1:00 PM

**Location:** 024 A Lab

**Attendees:** Maryam Al-Emadi, Noof Al-Sayed, Roqayya AlYousef, Fatima Al-Janahi

**Absences:** -

### **Agenda:**

- Buy the plant.
- Unpack the components ordered.
- Work with microcontrollers and sensors to get data of a plant.
- Work on the mobile application template.

### **Actions:**

- We connected the microcontroller to the moisture sensor.
- We placed the moisture sensor near the root zone of the plant.
- We wrote a code on Arduino IDE to read the moisture sensor readings.
- We downloaded PUTTY to view the data.
- We tested the moisture sensor to see how the value will change if the water is added.
- We started working on the template of the mobile application.
- We created an initial design for the mobile application of XCode.

### **Next Steps:**

- Buy the soil recommended by the agricultural specialist and start experimenting with it.
- Update the website.
- Start working on the other components.