Meeting Minutes

Date: 14 January 2020

Time: 2:00 PM

Location: 024 Lab

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

Absences: -

Agenda:
- Check the components.
- Test some of the component's current and voltage to make sure that what was in the datasheet is accurate and that components are compatible with each other.
- Make sure all of the components are received in the correct quantity since we have four zones.

Action items:
- Count the components.
- The current of the motor (10.1A) was found using an ammeter which was slightly greater than what the relay could handle/capacity. The relay we ordered can handle currents up to 10A.
- Consulted Mr. Wesam regarding the motor current.
- Searched for a relay that could handle more than current of 10A but couldn't find one that is compatible with Arduino.
- Searched for another motor and sprinkler system instead.

Next Steps:
- Order another motor.
- Order another sprinkler system that will be compatible with the new motor.
- Put the orders in a new purchase list.
- Send the purchase list to Mr. Wesam.
- Set up the Raspberry Pi (Gateway).
- Set up the router.
- Built the application.