



Meeting Minutes

Date: 25 February 2020

Time: 12:00 PM

Location: 105 Lab

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

Absences: -

Agenda:

- Start to operate on the ESP8266 Wi-Fi module.
- Connect the Arduino main microcontroller to the Wi-Fi using the ESP8266.
- Start to assemble parts of the irrigation system.

Actions:

- Connected the ESP8266 Wi-Fi module chip to the Arduino.
- Downloaded the libraries of ESP8266 Wi-Fi module for to implement Wi-Fi connection.
- Obtained some errors while compiling because external libraries and rivers were required.
- Couldn't resolve the error in compiling due to not finding or having accesses to those libraries.
- Decided to order a new Arduino microcontroller that has built in Wi-Fi (Arduino IoT Nano) to simplify process.
- Build the main microcontroller part of the system which consists of microcontroller, water pump, relay and the transceiver.

Next Steps:

- Receive the Arduino Wi-Fi microcontroller to implement the Wi-Fi connection.
- Build the main Microcontroller code.
- Start Testing.