



Meeting Minutes

Date: 23 January 2020

Time: 1:00 PM

Location: 024 Lab

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

Absences: -

Agenda:

- Set up the raspberry pi.
- Set up the router.
- Create a firebase account.
- Start building and coding the mobile application.

Actions:

- Connected the raspberry pi to the monitor, keyboard, and mouse to set it up. We set up the time, WIFI connection, and install the required libraries for nRF24I01 transceiver.
- Consulted the IT department about the router connectivity. They advised us to use the public university WIFI connection, as setting up new router will take couple of months.
- Created an account for firebase to use it as a server between the mobile application and raspberry pi.
- Build the 'control the irrigation system' page of the mobile application using XCode.

Next Steps:

- Set up the Arduino.
- Build the wireless connection between Arduino and Raspberry pi.
- Build the wireless connection between Arduino and Arduino.
- Continue building the mobile application.
- Updating the website.