



Meeting Minutes

Date: 11 February 2020

Time: 1:00 PM

Location: 105 Lab

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

Absences: -

Agenda:

- Discuss the solutions to connect the Arduino to Raspberry pi.
- Start the end node coding.
- Continue building the mobile application.

Action items:

- The team members agreed on replacing the Raspberry pi with an Arduino main microcontroller. However, the main Arduino must be connected to a WIFI module. Thus, the team members started searching for an alternative WIFI module.
- The Arduino code of the end nodes was implemented.
- Build the 'fault detection' page of the mobile application using XCode.

Next Steps:

- Order the esp8266 WIFI module to attach it to the main microcontroller (Arduino), to allow a WIFI connection between the main microcontroller (Arduino) and firebase.
- Put the last touches on the mobile application.
- Upload the end node code to the four end nodes.
- Update the website.