

# CAE Research Project Meeting Minutes

8/26/2022

## Participants

- o Dr. Waleed Farag (PI)
- o Dr. Soundararajan Ezekiel (Co-PI)
- o Dr. Xinwen Wu
- o Dr. Jino Ramsen
- o Emily Himes
- o Hector Linarez
- o Meghan Schlipp
- o Nathan Metzger
- o Sky Semone
- o Zach Keyser
- o Zaryn Good

Meeting started at 6:30 pm

Unanimously approved minutes for meeting on August 19th, 2022

## Main Points

Data will be downloaded via CSV file

Current goal: connect all sensors to Thingsboard

Then use collected data for algorithms from phase one

If data can be successfully visualized via Thingsboard, all that's left to do in this part is interfacing the other sensors

Dr. Ezekiel

- o Has appointed Drew as project lead and Emily as sub lead
- o Sent email about AC repair in 305; work order has been submitted
- o Wi-Fi issue will be resolved by Hector's work with IT department
- o Requests that there always be at least one student in 305 most of the time; requests access to a list of students' hours and when they'll be able to be reached in 305

Dr. Wu

- o Encourages project progress, suggests having a meeting from 305 to display what work's been done (hardware, Thingsboard, etc.); it would be good to report this progress to the sponsor agency  
Sometime next week?

Hector:

- o Confirms that Arduinos can be connected to Wi-Fi
- o Confirms that hard drive can be provide, however help desk ticket must be submitted by faculty member
- o SSD card can be bought new, as well

Dr. Ramsen:

- o Currently working of list for second phase  
Extension of components



- Feel free to reach out with any questions
- Await docs and more onboarding information as they're created

Adjournment at 7:10

Next meeting will be held on Friday, September 2, at 6:00 pm via Dr. Farag Zoom room