

# CAE Research Project Meeting Minutes

10-14-2022

- Participants
  - Dr. Waleed Farag (PI)
  - Dr. Soundararajan Ezekiel
  - Dr. Xin-Wen Wu
  - Drew Rado
  - Maria Balega
  - Meghan Schlipp
  - Zach Keyser
  - Zaryn Good
  - Hector Linarez
- Meeting started at 6:00 pm
- Unanimously approved minutes for meeting on October 7th, 2022

## Main Points:

- Progress report
  - Maria and Zaryn:
    - Met with Meghan and showed her scripts on Titan
    - Sent Drew more information about IoT-23 data
    - Began working on editing KDD paper
  - Drew, Meghan, and Emily:
    - Ordered calibration sensor and working to get all sensors calibrated, USB hub works great
    - Sensors are very sensitive, need to work on issues with sensors disabling
    - Got most of data using Wireshark and need to figure out how to extract it into csv format
  - Nate
    - Something is off with distribution of ubuntu on Titan
  - Hector and Zach
    - Found that data cannot be extracted from TinkerCAD
- Discussion points
  - Dr. Ezekiel mentioned to send a message to Jino about sensors disabling
    - Need to figure out what we should do to protect data, so we don't come to a wrong conclusion
  - Change password to Titan and reset it to restrict access
- Tasks:
  - Maria and Zaryn
    - Once data comes in, verify it, preprocess it if it will work, and start applying algorithms
    - Reach out to Franklin and work on editing KDD paper
  - Drew, Nate, Sky, Emily, and Meghan
    - Continue collecting data and work on extracting it from Wireshark to look exactly like previous IoT data
  - Drew
    - Order backup sensors
  - Hector, Zach
    - Help out with fixing Titan issues and sensor issues

Adjournment at 6:50

Next meeting will be held on Friday, October 21st at 6:00 pm