- Participants
  - o Dr. Waleed Farag (PI)
  - o Dr. Soundararajan Ezekiel (Co-Pl)
  - o Dr. Xinwen Wu
  - o Maria Balega
  - Zaryn Good
  - Alicia Deak
  - o Franklin May
  - o Ryan Gress
  - Cassie Lefever
  - o Biot Hocke
  - o Sky Semone
- Meeting started at 3:45 p.m.
- Unanimously approved minutes for meeting on August 23, 2021
- Main Points
  - Discussed:

### Maria & Cassie

 Preprocessed all the individual captures from IoT23 dataset, working on combining captures together

#### Alicia

- DBN had high error rate, its best for image datasets
- Created a synthetic dataset using Avocado data

### Zaryn

- Ran into issues with DCNN running,
- Working with Jackson to convert code to fix images

#### Franklin

Started implementing confusion matri

### Ryan

Looked further into datasets, found another possible dataset that has a published paper for comparison

### o Tasks:

## Maria & Cassie

Continue preprocessing IoT23 dataset similar to the published paper and run it in XGBoost

#### Alicia

Try running images in DBNith Jackson to c reW\*nBTF(Ø(yn))1 040 0 6912 0 MC P (kt)-2TQ00

У

Continue working on confusion matrix

# Ryan

- Continue looking into datasets and find published paper so we can compare our results
- General tasks:

Work on abstracts and continue revising them

- Franklin is working on DONN abstract
- Maria is working on XGBoost abstract

Back up data on titan

- Adjournment at 4:50 p.m.
- Next meeting will be held on Thursday September 9 at 3:45 p.m. via Dr. Farag's Zoom room