

# Zero Trust Research Project (ARMZTA) Meeting Minutes

## 07-20-2023

- Participants
  - ~~Dr. Waleed Farag (PI)~~ (Excused Absence)
  - Dr. Soundararajan Ezekiel
  - Dr. Xin-Wen Wu
  - Jared Giesen
  - Kurtis Johnson
  - Samuel Rocco
  - Nathan Metzger
- Meeting started at 11:00 am
- Unanimously approved minutes for meeting on July 13th, 2023

### Main Points:

- **Progress report**
  - Jared – Worked on translating our brainstorm further into a digital document and created supporting figures.
  - Kurtis – Began setting up and testing Flower. Began researching Packet Tracer for possible use in our future simulations.
  - Samuel – Researching Graph Neural Networks for use in the ARMZTA model.
  - Nathan – Focused on IoT.

### Discussion points

- The students with Dr. Ezekiel are developing ideas for a Zero Trust architecture for the ARMZTA model.
- We have discussed the possibility of combining our small literature reviews into a stronger single review paper.

### ● Tasks:

- Team
  - Work towards completing final revisions of the phase one papers.
- Kurtis
  - Continue researching Flower and possible implementations of CML into our proposed model.
- Samuel
  - Research Graph Neural Networks for application.
- Nathan
  - Research A.I. rule-based systems and scoring systems.
  - Research into Big Data and whether/how it applies.
- Jared
  - Finish translating the 2<sup>nd</sup> phase of the initial framework.
  - Look into Long Short-Term Memory.

Adjournment at 12:20pm

Next meeting will be held on Thursday, July 27th at 11:00am