

# Agenda for Sept. 21, 2020 Meeting

## CAE-C Research Project in AY 2020-21

### Announcements:

- We need one volunteer to record the meeting minutes, who is willing to do that??
- Project Title: ***Investigating Effective and Efficient Anomaly Detection on IoT Systems via a Novel Fusion of Deep Learning Techniques.***
- The project is supported by the NCAE-C Cyber Curriculum and Research 2020 Program.
- The main goal of this project is to ***develop a practical framework (that is based on a sound theoretical foundation) for the IoT anomaly detection in order to assess and improve the impact IoT systems have on the security of various networks.***
- Fully executed grant was received, earlier this Sept. and WF has requested an expedited establishment of the cost center which we now have.
- All three faculty were working over the past month on recruiting students to the research team.
- Project Team Members: PI: Dr. Waleed Farag, Co-PIs: Drs. Raj Ezekiel and Xinwen Wu, and Student Researchers: Ethan Buhl, John Conlen, Cassandra Lefever, and Alex Robbins.
- We will be meeting weekly to report on progress and discuss any issues.
- ***Given the nature of this project, it is essential that all of us respond promptly to ALL email communications.***

### Actions:

- Our project will focus on developing an IoT framework for a smart building IoT system (see the Figure). Please make sure you carefully review this model.
- We need to decide on a weekly time that will fit all of us.
- Please refer to attachment #1 prepared by Dr. Wu for description of project timeline, milestones, and specific tasks.
- We will assign each student researcher a weekly task that s/he will work on, document all activities then report on progress during our next weekly meeting.
- ***Task assignments.***

### Questions and Adjournment:

