Team GR Contract

General Info

- Team Name: GR
- Team Member: Gabriel Rodriguez-Padilla (rodrigg2@mail.uc.edu)
- External Advisor: Brian Bailey (baileybp4@gmail.com)

Proposed Meeting Schedule

      I plan on meeting with my external advisor every two weeks. The meetings can be at any time during the week excluding: Tuesday, Thursday, and occasionally Friday afternoon (3 – 5 pm). Additionally, having these meetings held virtually in the evening would be preferred. The specific dates and times of the meetings will be determined once my external advisor gets back to me.

Project Focus

      To stay within the realm of IoT analytics, the project's focus would revolve around building a data pipeline from the ground up. For example, key atmospheric data metrics could be recorded in a building experiencing ventilation issues. Metrics such as temperature, humidity, airflow, would be collected by IoT devices. From there the collected data would be sent to a server for processing and viewing. Such a project would allow me to use all of the skills I have learned from my co-ops and internships thus far. This project would also allow me to demonstrate how creating a date pipeline in-house can be done quickly, affordably, and with extensibility in mind.