

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

Communication with my external advisor will happen on an *as needed* basis via email. However, bi-weekly updates will be sent whenever possible. If discussing a given topic via email would prove to be difficult, then I will schedule a call via Google Meet. This would allow both of us to see each other's screens for showing or visualizing items related to the topic at hand.

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 data pipeline in-house can be done quickly, affordably, and with extensibility in mind.