FAQ

- How would you continue project development if given time?
  - In the future, we plan on designing a mobile app that can be used to set the lock/unlock times remotely. In addition, implement a usage monitor system that will automatically save the pet entry through Wi-Fi.
- What lessons did you learn from the project?
  - Due to the nature of working together remotely, we had to establish an effective means of communication and staying in contact. We also had to be very clear about what would be done when, since it was hard to follow the progress teammates were making without directly asking them. We also learned how to integrate many different components into a unified system that can interact with the outside world.
- What would you do differently if you could do it over?
  - Implement the main PCB with all the system components in one. This would allow a cleaner and more neat look and help avoid wiring complexity. Additionally, planning out where each component would go would help in this area.
- What was the biggest challenge, and how did you approach it?
  - Working remotely was the biggest challenge for us, but our approach to handle this was to have scheduled weekly meetings as well as contact through discord. This enabled us to strategize and revise the design approach as difficulties were found. Staying on top of this allowed us to devote more time towards research, building, and integration.
- What is the most impressive thing about your project?
  - One of the most impressive things to us was the integration of all of the blocks into one cohesive system. There are a lot of sensors and peripherals that have to communicate with the arduino, and all of this is put into a physical enclosure that is controlled by the arduino.

Contact Information

For further questions and information please contact members at:
- Evan Cochran - Cochraev@oregonstate.edu

- Henok Techeste - techesth@oregonstate.edu

- Marcus Plumley - plumleym@oregonstate.edu