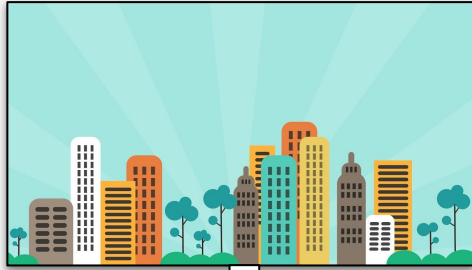


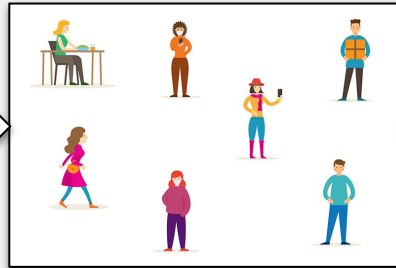
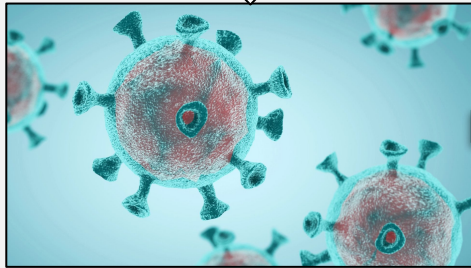
# People Counting Infrastructure

Seth Burchfield - Champ Foronda - Joshua Holguin - Brigham Ray

Mentor - Volodymyr Saruta

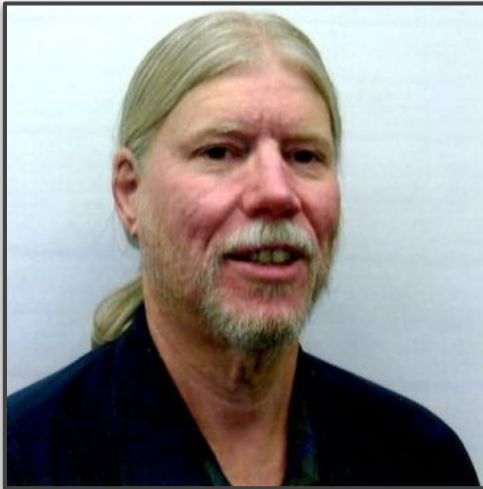


*Roughly 6.9 million cases of COVID-19 in the  
United States as of September 17th*





## OUR CLIENT



- Duane Booher
- NAU ITS IoT Team
- Smart and Secure Campus



# CURRENT PROCESS



**Sends Data**

**SAFESPACE**  
Occupancy Monitoring Solution  
Powered by: SENSE SOURCE

**Process Data**



# WHAT IS WRONG?



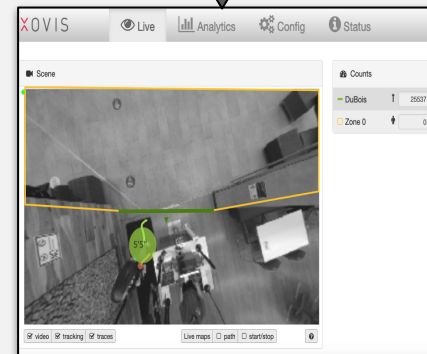
PRICE

SCALABILITY

COMPLEXITY



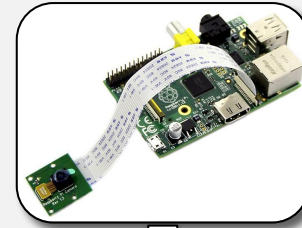
**SAFESPACE**  
Occupancy Monitoring Solution  
Powered by 





## OUR SOLUTION

**Open source platform  
&  
Lower device cost**



**REST API**

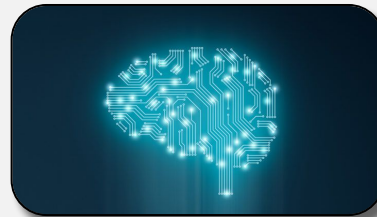


# PLANS FOR DEVELOPMENT



## Plans For Success

- ✓ Weekly Meetings
- ✓ Team productivity checks
- ✓ Utilizing technologies



## Potential Challenges

- Hardware Limitations
- Technological Stack
- Security

# IN CONCLUSION

**>\$1000+**

**<\$100+**

