Meeting 2

22nd March 2022

Attendees

• Aidan, lan

Agenda

- Initial decision on designs
- Discuss the security of Python

Decisions

3 data streams (Oxygen, Radiation, Water) — threading 3 channels assed into a queue (Kafka or Mosquito) DB cache will be a subscriber PostGres DB surrounded by REST API Monitoring Web-App

Security Concerns

Web-App — Secure login, restricted IP addresses, logging of users and attempted sign-ins Account locking policy and prevention of DoS attacks

REST Api — Encrypted HTTP

PostGresDB — Transparent data encryption

Actions

- Investigate producing data streams for Kafka (Aidan)
- PostGres (lan) Set-up in docker swarm!
- Sequence Diagram (lan has already designed one for login look, comment, review)
- Class Diagram?

Next Meeting

- Weekend Kauro can choose time. Post on Slack for suggestions.
- Agenda Work together for short powerpoint of discussion on Slack about security of Python