**Meeting 2 22nd March 2022**

**Attendees**

* Aidan, Ian



**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 (Ian) Set-up in docker swarm!
* Sequence Diagram (Ian 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