Team GR IoT Data Aggregation Project

Connection A (SSL)

- Sensor data gets sent from each facility to the database

Connection B (HTTPS)

- List of device failures get sent to maintenance staff via a GroupMe chat bot

Connection C (SSL)

- User credentials get sent from the database to the API for verification

- Queried sensor data gets sent from the database to the API for formatting

Connection D (HTTPS)

- Username and password gets sent from the user to the API for login

- An API token gets sent from the API to the user upon successful login

- A query gets sent from the user to the API along w/ a valid API token

- Formatted sensor data gets returned to the user from the API

Facility 1

Facility 2

Facility n

Input

Database

Storage

Database API

User

Output

A

B

C

D