

## Dynamic Noise and Pollution Campus Map

/progress report & planning/

### Work Done Previous Week

- contacted Stephen Brewster and discussed project evaluation; he granted me permission to conduct the sessions
- emailed the SCK team to ask for permission to use one of their BETA versioned RESTful endpoint: key/device.js; using it to generate user/device data on the server: [link](#)
- updated the client's UI and finalized Android implementation: [link](#)
- finalized map configuration and server implementation:
  - [link1](#)
  - [link2](#)
  - [link3](#)
  - [link4](#)
  - [link5](#)
  - [link6](#)
- logo design (files on the repository)
- project DEMO

### Work Under Way

- unit testing of the key server operations
- evaluation preparation
- dissertation

### Known Issues + Resolutions

- used java.sql.timestamp to load the json into models before returning to the client JavaScript code; conflicts arised as Mongo DB's BSON timestamp does not have a converter/ mapper from the Java data type; resolved by using the Date() object from java.util.date; now additional data such as timestamps can be used for filtering