

Dynamic Noise and Pollution Campus Map

/progress report/

Work Done Previous Week

- prepared structural diagrams
 - ER diagram (including Chen's Notation) - [link](#)
 - sequence diagram - [link](#)
 - high level architectural diagram - [link](#)
- Spring initial models setup - [link](#)
- uploaded the updated 0.9.0 SCK firmware on the device (now transmits data every 30 sec.) - [link](#)
- emailed SCK team to ask if they have open source authentication API to be used on the server side /no response yet, got a detailed response for previous enquiries though/

Work Under Way

- database server setup
- MVC server configuration
- Bootstrap setup
- updating the [wiki](#) (interview Q&A, report 1 already published)
- data set simulation on server side
- looking at DNSimple and cloud based hosting services to serve DB and accommodate server framework

Known Issues + Resolutions

- some minor issues when updating the software:
 - the WiFly module would not detect any Wi-Fi networks
 - the device could not connect
- *resolution – used the IDE serial monitor to set network ssid, password and type manually and reset the device*