Dynamic Noise and Pollution Campus Map

/progress report/

Work Done Previous Week

- client prototyping: link
- Android development environment setup (Windows OS):

  o Microsoft Visual Studio (2012 or later recommended)
  o nodeJS v0.10.33
  o PhoneGap v3.6.3-0.22.1 (requires the previous 2)
  o standalone Android SDK: link
    - AVD (Android Virtual Device)
    - ADB (Android Debug Bridge)
  o Apache Ant v1.9.4

- Android permissions research: link
- project building with Apache Ant: link
- initialized base PhoneGap Android project: link
- registered the test app on build.phonegap.com for maintainability: link

Work Under Way

- Android prototype implementation: link
- prototype testing/ evaluation

Known Issues + Resolutions

- PhoneGap configuration issues: could not avoid installing the required Visual Studio to enable the software to initialize an empty project
- Android SDK configuration issues: failed access to SDK manager-> resolved by manually editing one of the .bat scripts
- Android ADB would not recognize plugged in Android devices-> resolved by reinstalling through SDK manager (tried a universal driver which did not work) after thorough research

Petar Yordanov, 18.11.2014