

## **Dynamic Noise and Pollution Campus Map**

### **Tehnologies to be Used**

- Spring MVC RESTful web service for back-end processing
- Twitter Bootstrap
- Google Developer Tools/PhoneGap(Apache Cordova) for the mobile client implementation
- Google Maps API
- Smart Citizen Kit device and RESTful API
- jQuery for data vizualization
- D3 js (option)
- CouchDB/ SQL DBMS for remote data storage

### **Work Done**

- UI prototyping
- user scenarios
- SCK 1.1 configuration
- general structural planning
- requirements capture

### **Work Under Way**

- environment configuration
- server and database server setup
- data structure

### **Known Issues + Resolutions**

- SCK firmware configuration via Arduino IDE (Windows) -> resolved by changing the OS (UNIX) and using the serial monitor for manual upload
- Spring MVC model-view pair configuration -> resolved by updating the dispatcher servlet to discover all classes

*/Some of these choices are just options, there might be some changes in tools used as development progresses./*