🔒 **ppyordanov / Dynamic-Noise-and-Pollution-Map**   PRIVATE

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⑂ branch: client ▾   **Dynamic-Noise-and-Pollution-Map / README.md**

PY **ppyordanov** on Feb 5 UNIT TESTS

1 contributor

57 lines (35 sloc)   1.649 kb   Raw   Blame   History

Dynamic-Noise-and-Pollution-Map

/DEVELOPMENT BRANCH/

Fourth year University of Glasgow Computer Science project

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A dynamically generated University of Glasgow noise and pollution campus map via the innovative Smart Citizen Kit developed in Barcelona, Spain by FabLab.

/CONFIGURATION INSTRUCTIONS/

Server:

- install JDK 1.6+
- install Apache Maven
- clone this repository
- import project directory in a supported IDE

- DB setup (the project is currently running using a NoSQL database) - MongoDB

  - install MongoDB
  - start `>mongo` and `>mongod` instances from command line
    - create database `use ugmap`
  - check validity `db`

- open a terminal window from the root directory (containing pom.xml)

  - `mvn validate` validate project
  - `mvn clean compile` compile source code
  - `mvn jetty:run` run the mobile webapp on a localhost server via the jetty servlet
  - `mvn test` run Controller and Model unit tests

  The app is running on port 8080 and can be accessed at: http://localhost:8080/

Client:

- install PhoneGap
- install Android SDK (including Android ADB)
- plug in Android device (minimum 2.1)
- `phonegap build android` compile application from source
- `phonegap run android` run client application on host device

Online Resources:

- Update: the web server should be available on the its newly registered domain name:

- **http://ugmap.me/**
- **http://www.ugmap.me/**