GeoData 4 JIRA
Visualization extensions

Our team

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Motivation

- **GeoData 4 JIRA**

- **Bratislava, New Town**
  - participatory budgeting (voting)
  - Easier communication between people and local government
  - Simplification of officers work (money and time saving)

- Over 800 created issues – **decent amount of data to process**

- Our motivation – **what we can do with collected data**

Our goals

- **Visualization (heat-map)** based on custom defined metrics

- **Map with pre-defined datasets** (trash bins, lamps, ...) and interaction with data

- **Android application** allowing users to create issues on the map
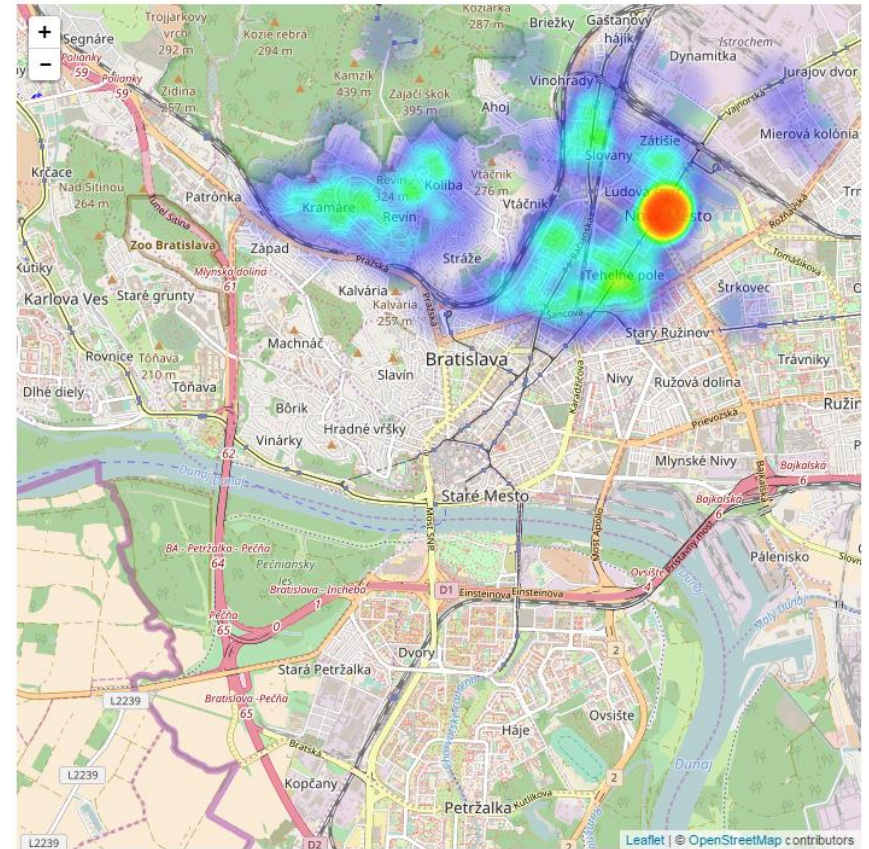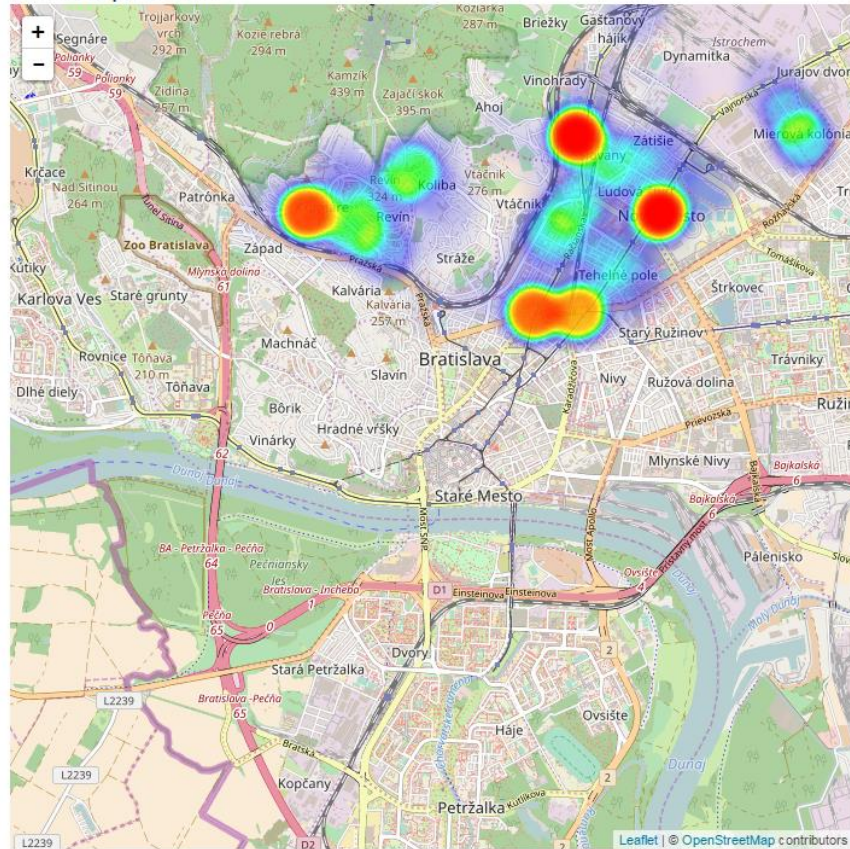
Custom heat-map

- Heat layer in map is **based on custom metrics**
  - Spent money
  - Votes
  - Required time

- Customized heat-map integrated with JIRA

Real collected data: heat-map based on votes

Real collected data: heat-map based on fix-time
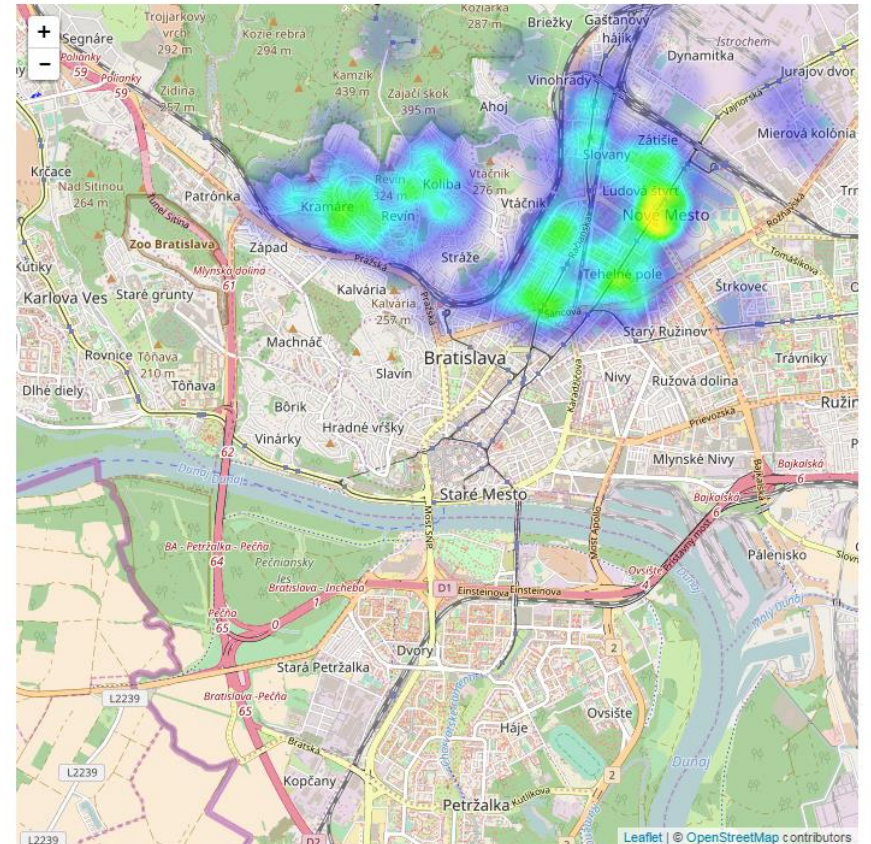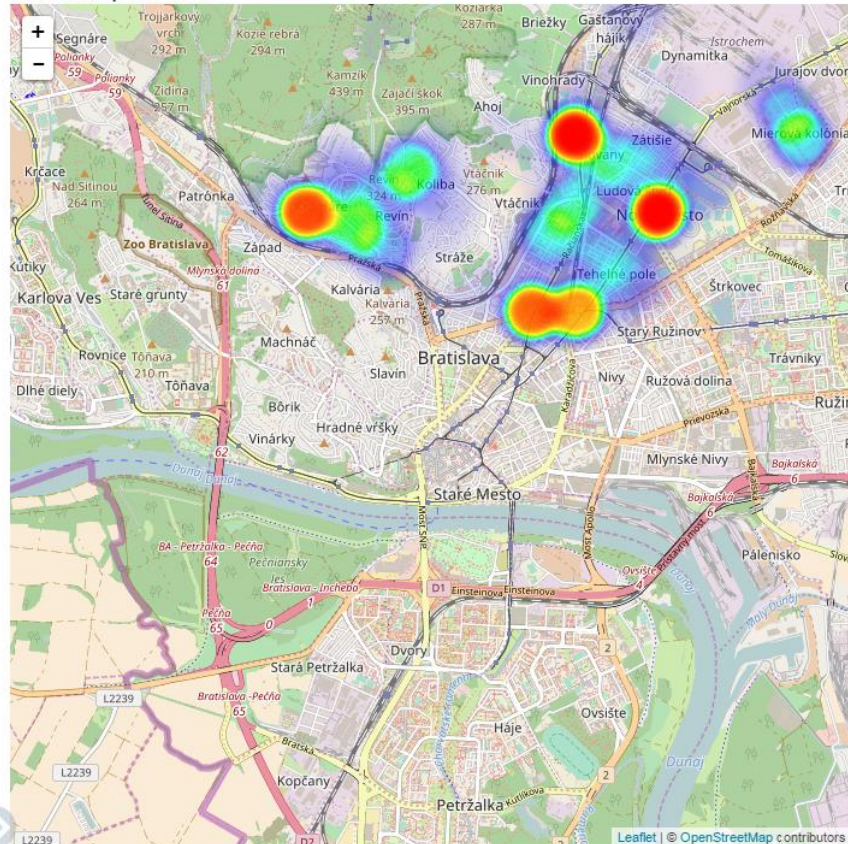
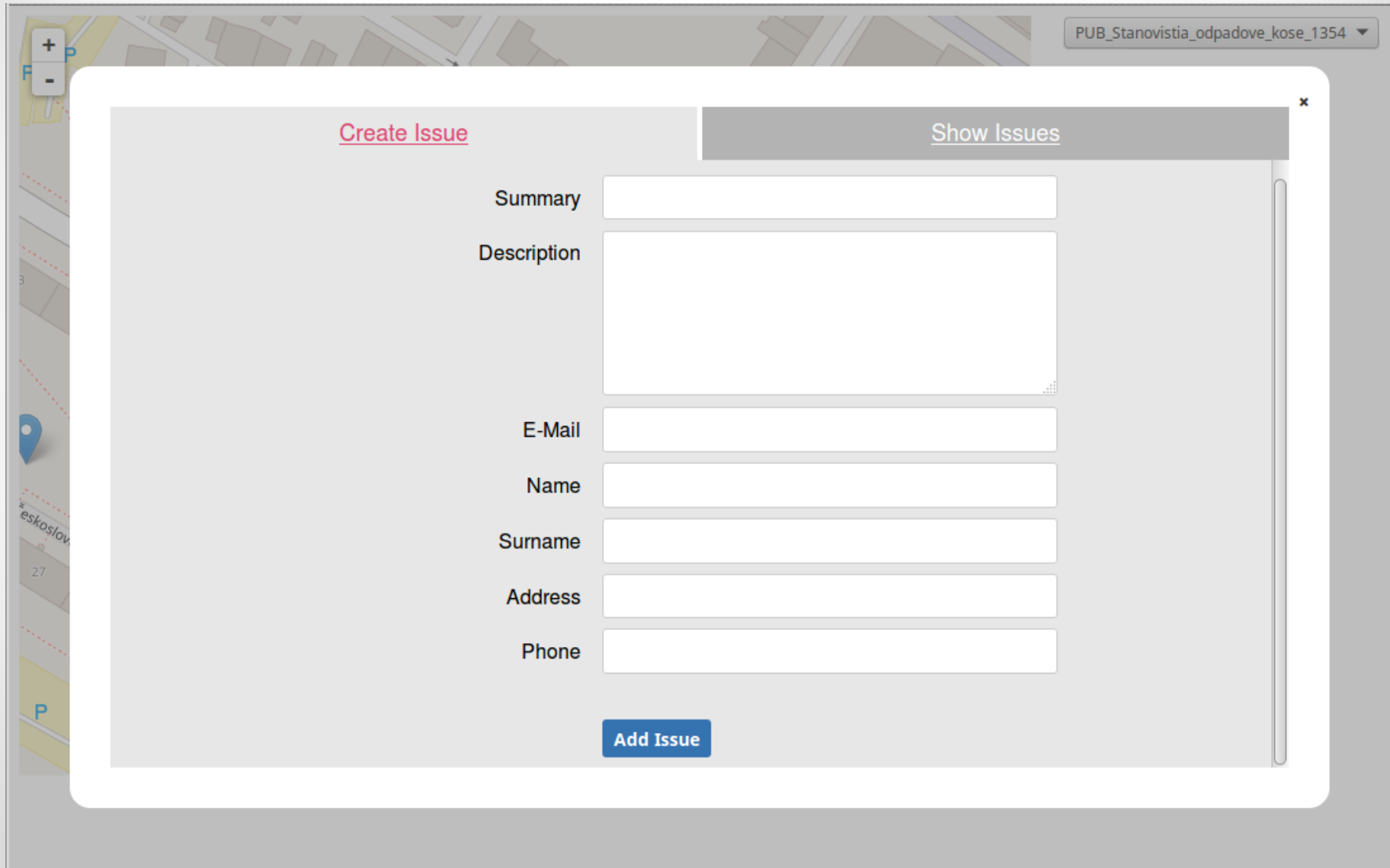# Map with pre-defined datasets

- Enable users to create issues upon existing objects
  - Public lights, trash bins, …

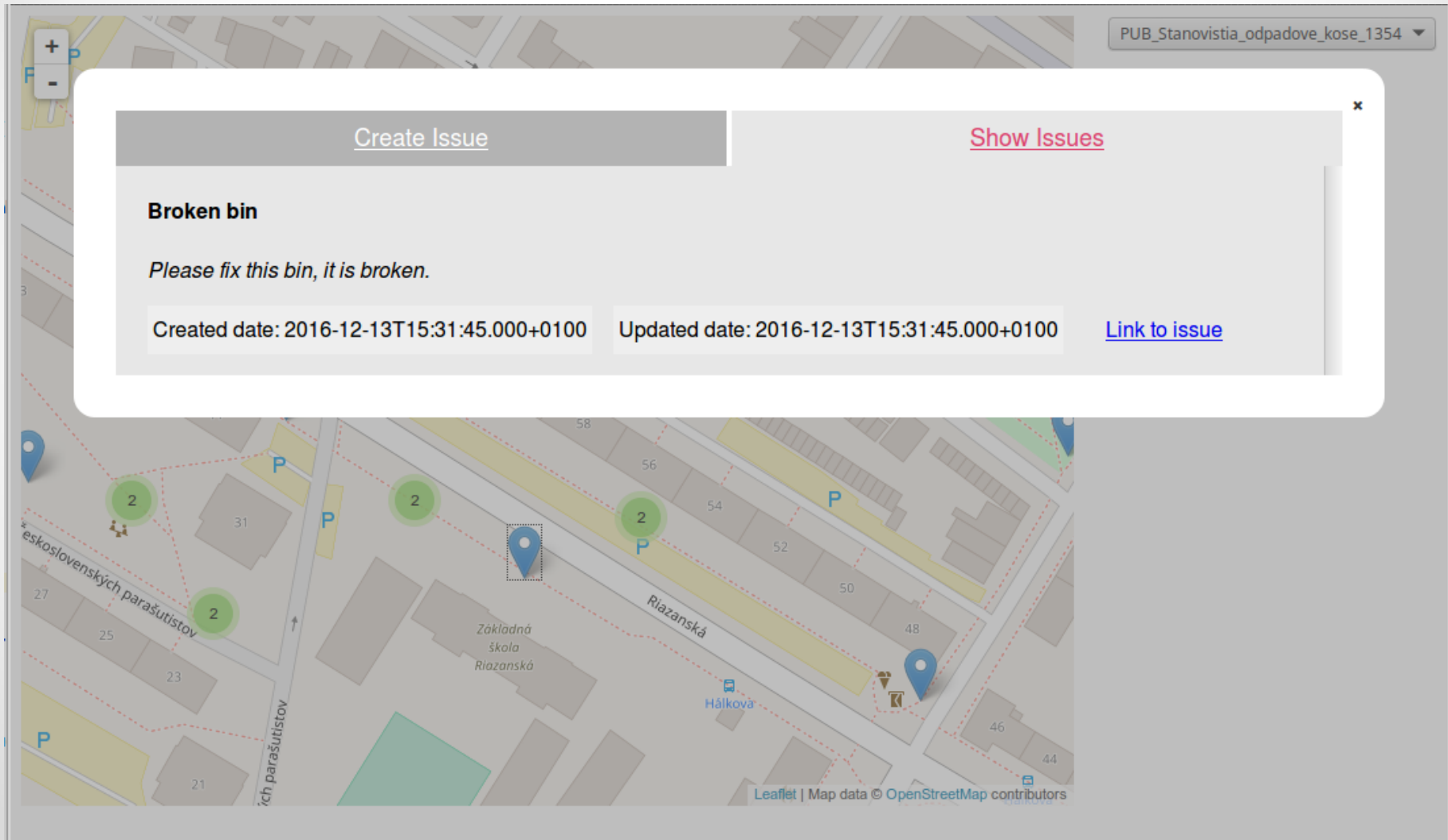- Tracking issues related to dataset entry

Map with pre-defined datasets

Map with pre-defined datasets

Android application

- Provide interface to create issues with given location

- Store user information to simplify issue creations
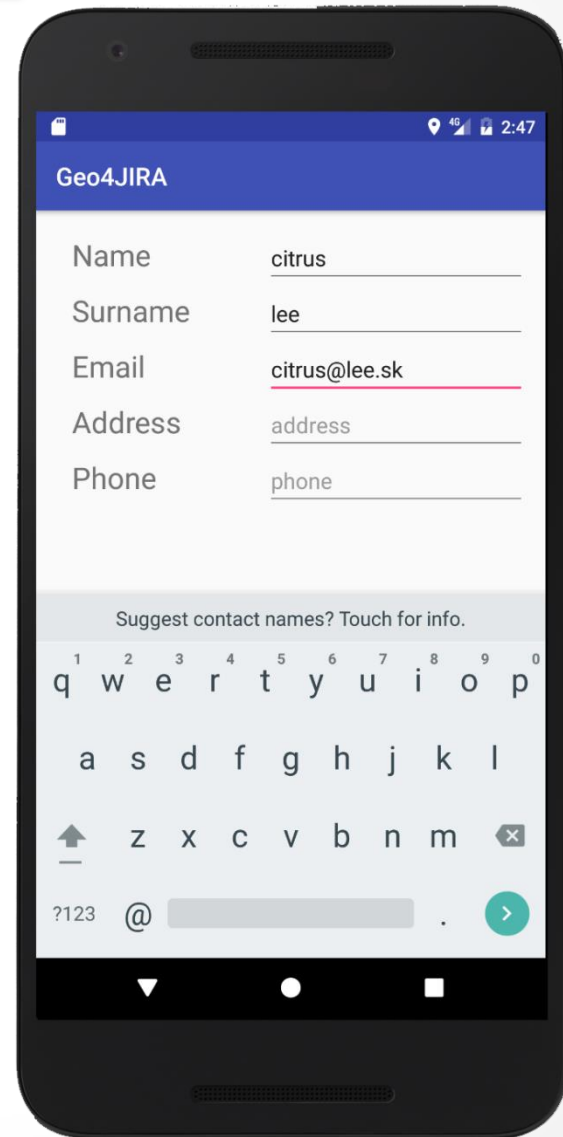
Plans for future

- Heat-map based on timeline
  - JIRA provides search with custom parameters

- Extension of Android application
  - Visualization of collected data
  - Usage of pre-defined datasets

- Enable simple attachments submitting

Thank you

Feel free to ask any questions ☺