Android Client GUI #56

Edit New issue

Closed **ppyordanov** opened this issue on Nov 18, 2014 · 7 comments

ppyordanov commented on Nov 18, 2014

Here will be posted some of the graphical user prototype drafts for the client application.

ppyordanov added the **enhancement** label on Nov 18, 2014

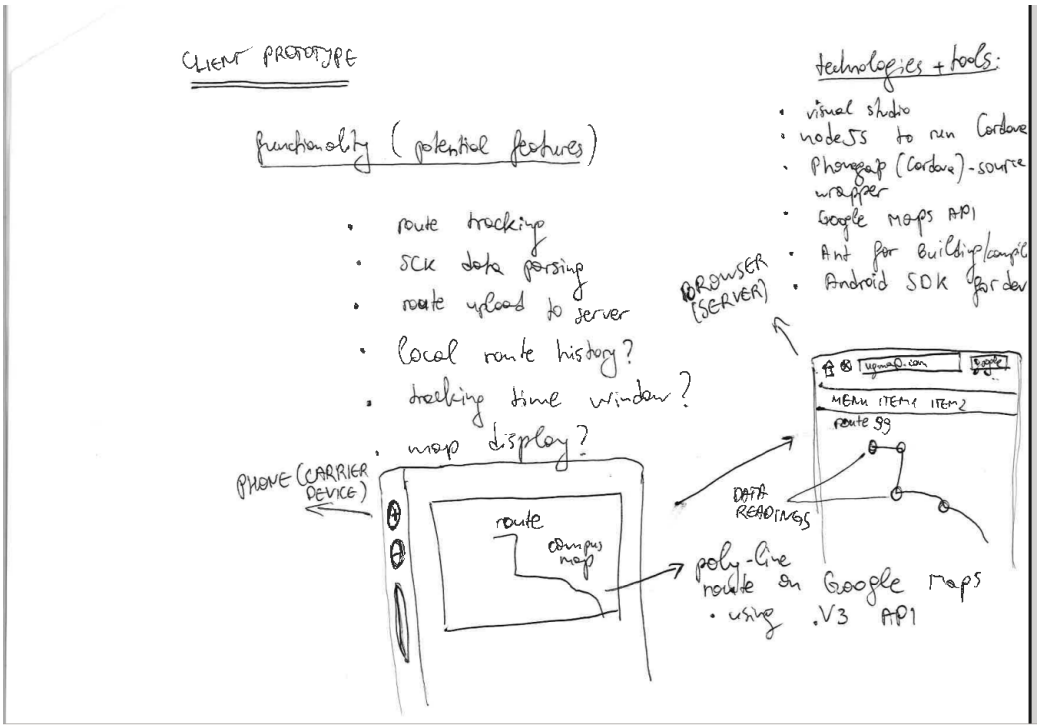
ppyordanov self-assigned this on Nov 18, 2014

ppyordanov added this to the **Client Prototype** milestone on Nov 18, 2014

ppyordanov commented on Nov 18, 2014

Prototype v0.1.0:

- identify technolologies and tools to be used
- potential functionality specification
- interface control flow
- possible interactions



Prototype v0.1.1:

- GUI views
- interaction styles

Labels
enhancement

Milestone
Client Prototype

Assignee
ppyordanov

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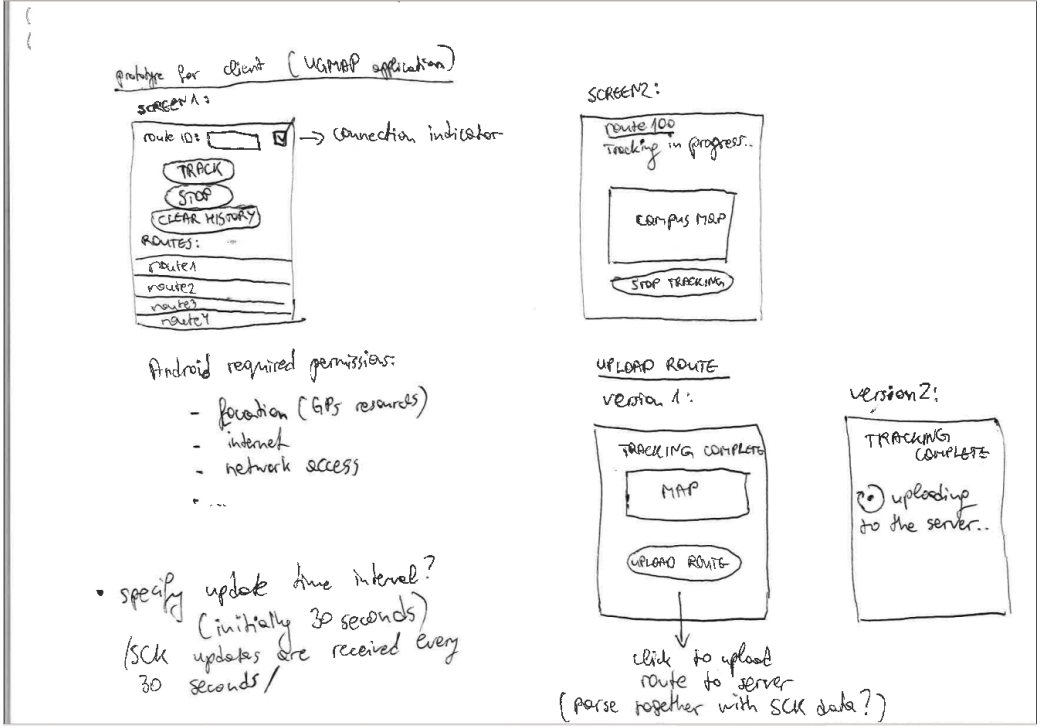
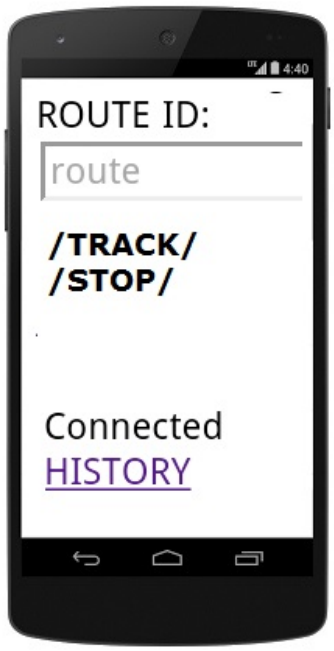


PY **ppyordanov** commented on Nov 18, 2014

This task is relevant to #50 .

PY **ppyordanov** commented on Nov 18, 2014

User interface component structure prototype v0.1.2:



PY **ppyordanov** referenced this issue from a commit on Nov 22, 2014

PY [PROTOTYPE] changed layout, introduced some more functionality, hooke… ··· 9d4b6a8

PY **ppyordanov** commented on Nov 25, 2014

The UI of the application has underwent a number of changes:

- time window can be specified prior to tracking
- history page has a home link

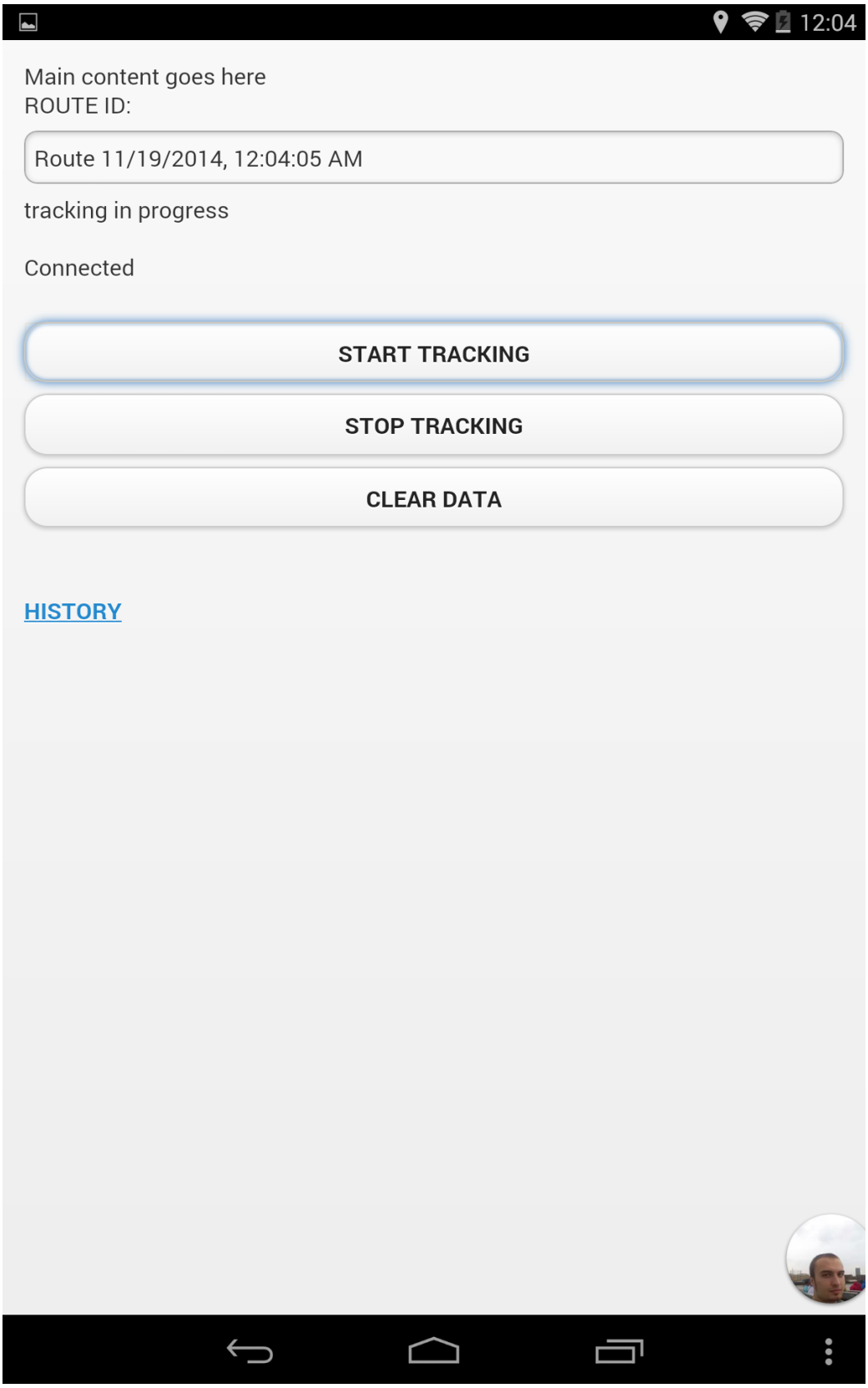
- server information upload button (can be done automatically as well)

PY

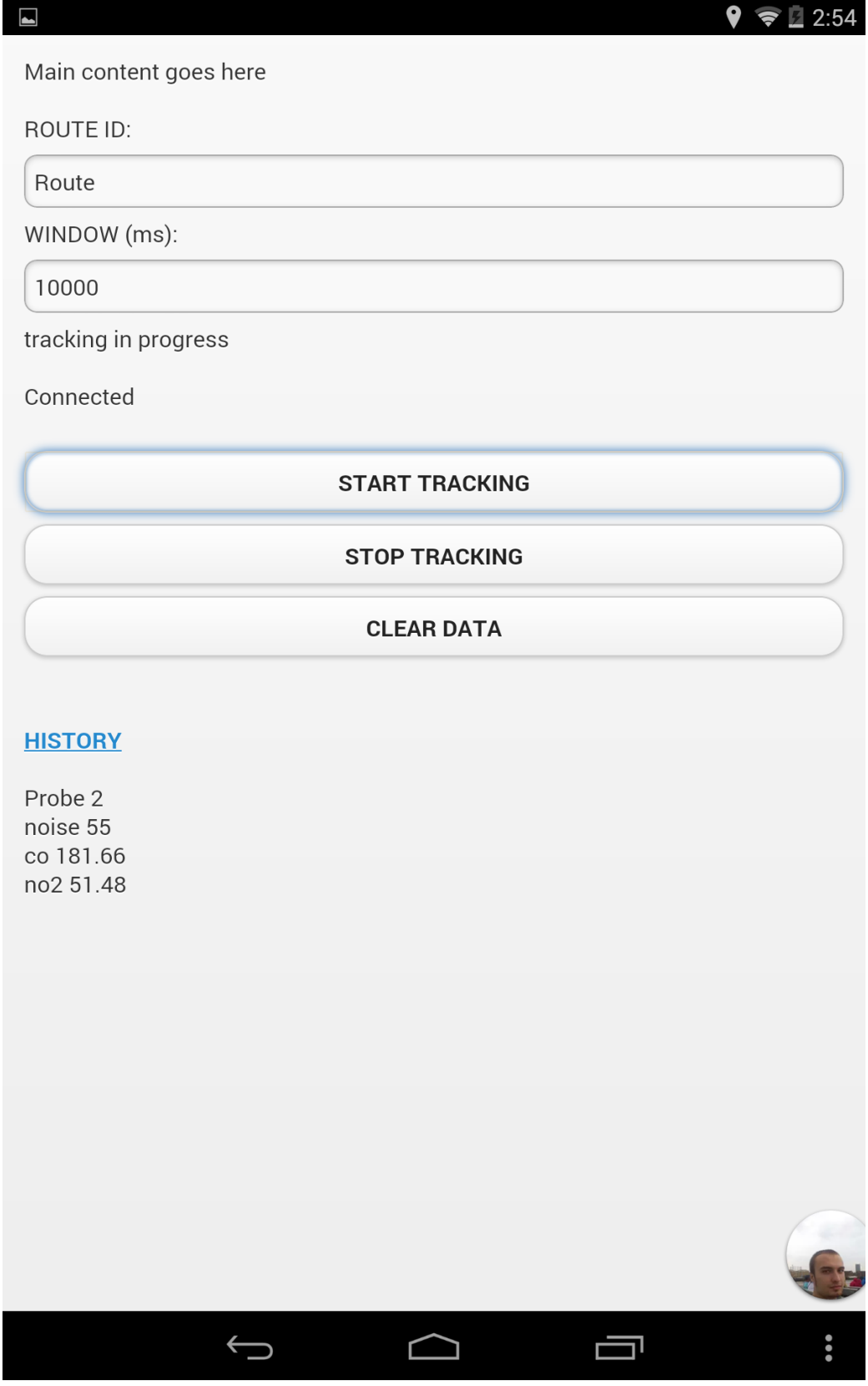
ppyordanov commented on Nov 25, 2014

Here are some of the screens from prototype *v0.1.1* and *v0.1.2*:

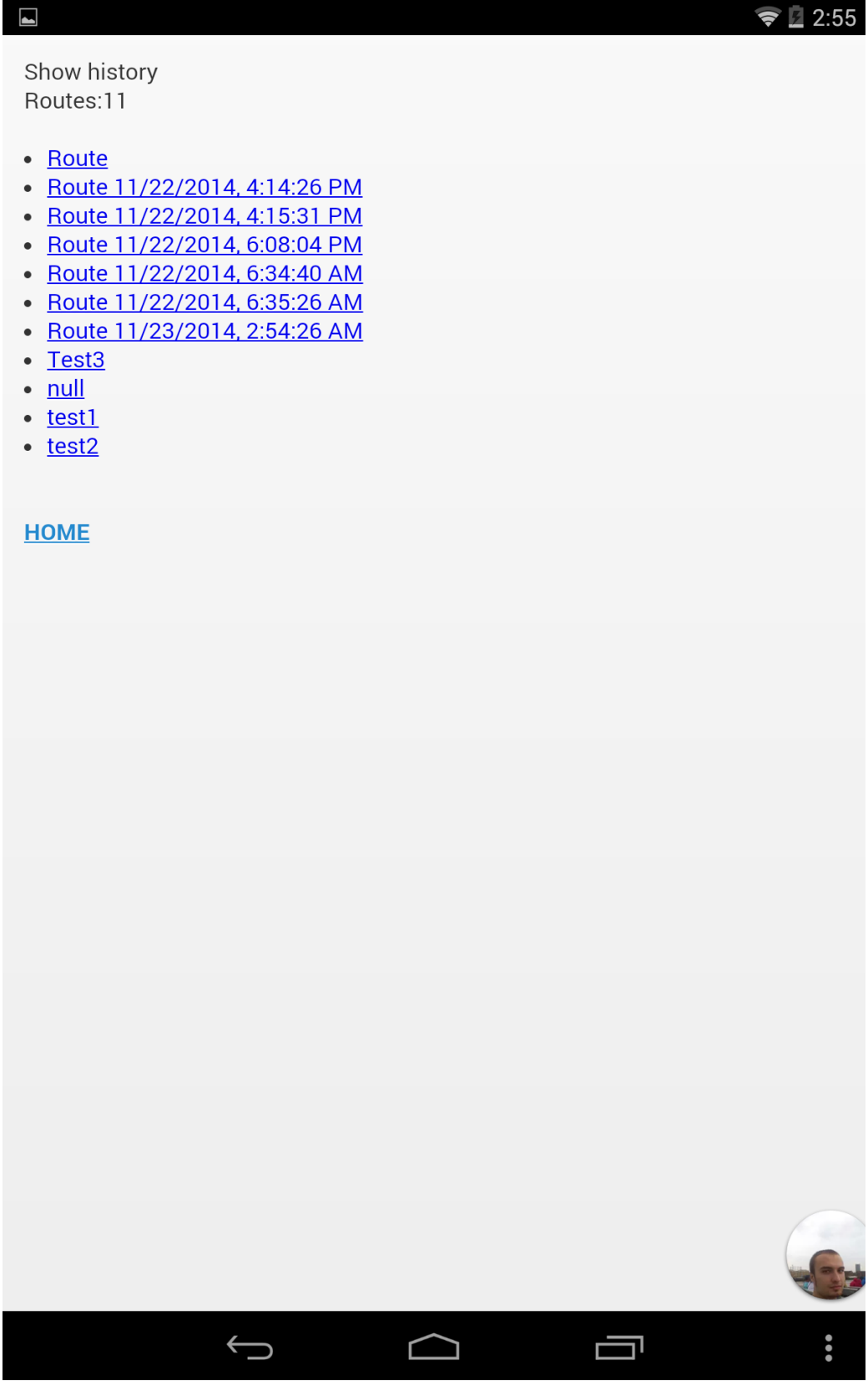
- 1.1 Main page showing main controls with tracking in progress (the user can start recording instantly -> with an automatically generated timestamp route identifier, or choose their own). As at the moment the application is storing data locally on the device, there is a "Clear Data" button that can be used to remove all of the stored route information. There is also network connectivity check on the backend to ensure there is a stable Internet connection (needs debugging):



- 1.2 This is how the main page looks after the first update. There is a time window feature as well as real-time probing feedback displaying sensor data from the SCK as well as number of data samples in the local storage at any given time:

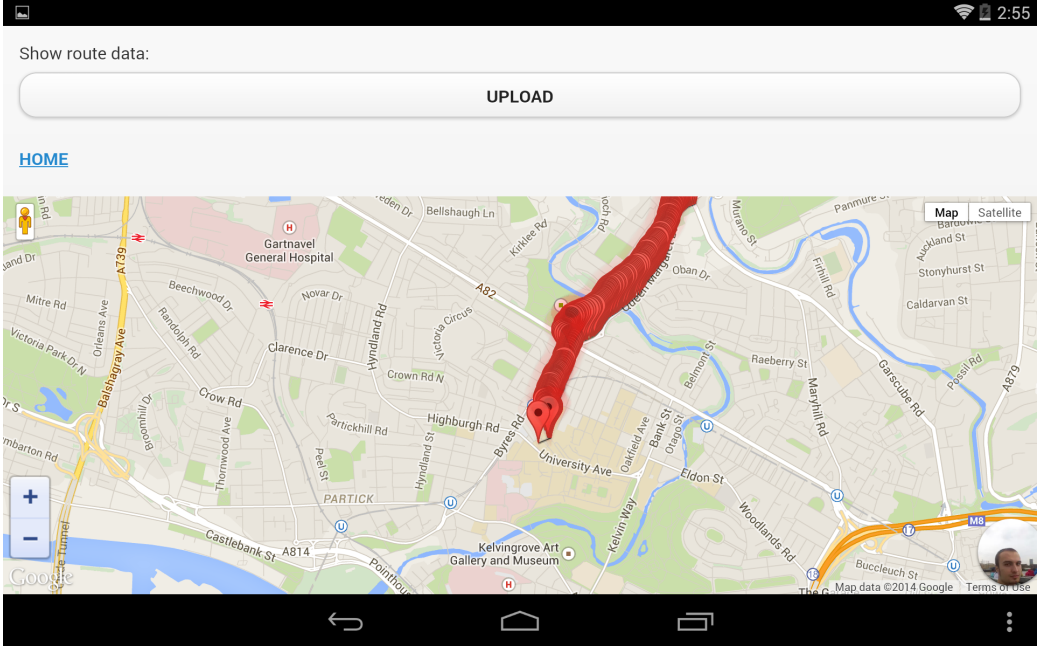


- Once a user has completed recording a route, they can browse their history and access information from their previous route tracking sessions. This can be done from the "History" page as seen below:

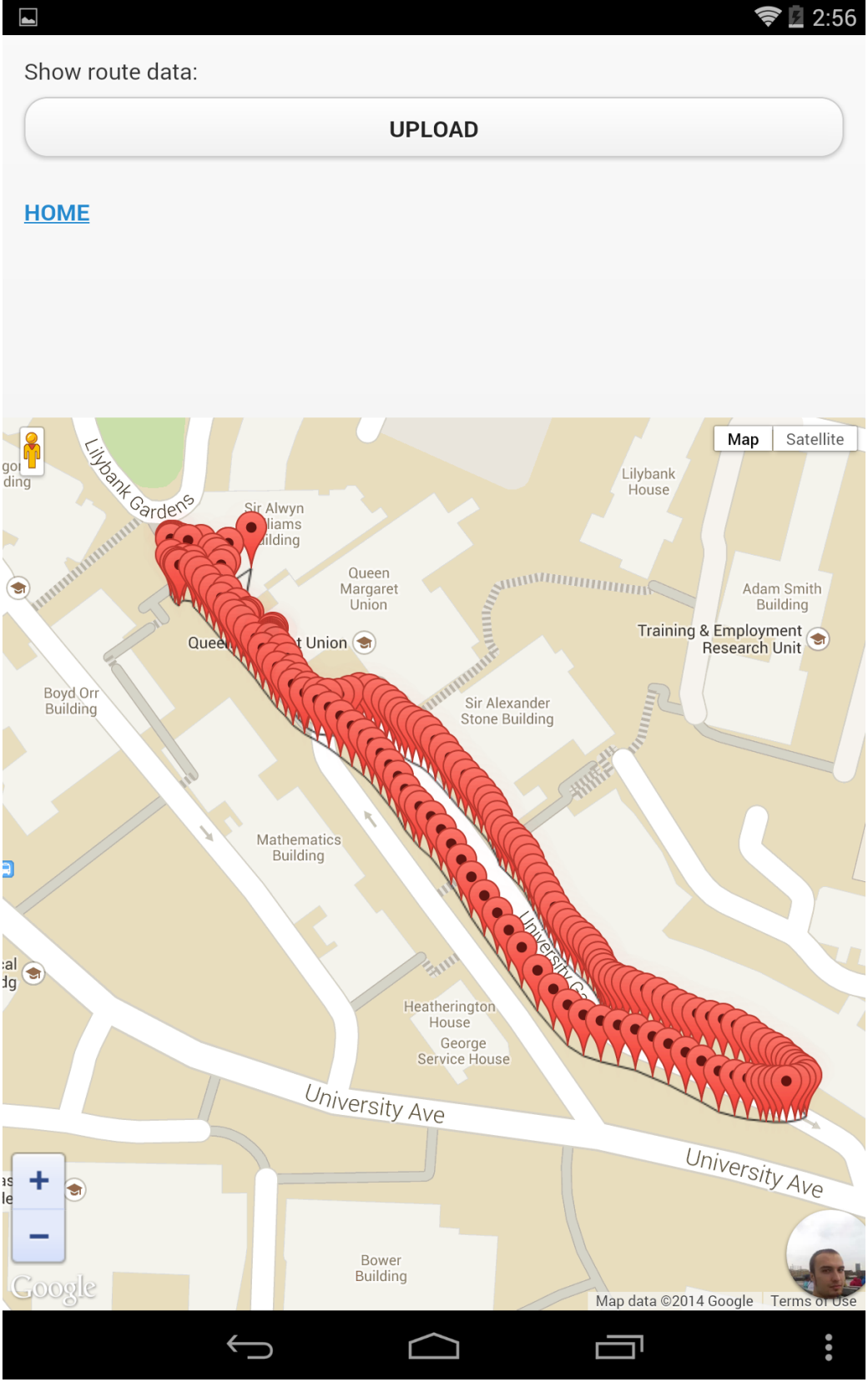


- Once the user clicks on a link to a route, the map with the geolocation and contextual information is displayed with Google Map API v3 pins/ markers. Geolocation is displayed via using a poly-line element for drawing the route, while contextual information is stored in an InfoWindow() popup in a textual form (demonstration purposes):

- i. Showing GUI behaviour sideways (horizontal widescreen mode):



- 2. Normal view:



ppyordanov referenced this issue from a commit on Nov 25, 2014

`[CLIENT-PROTOTYPE-MATERIALS]` `010be50`

ppyordanov referenced this issue from a commit on Nov 25, 2014

`[PROTOTYPE]` `a45921f`

ppyordanov referenced this issue from a commit on Nov 25, 2014

`[REPORT] added progress report 7` `0fcada8`

ppyordanov commented on Jan 21

This task has been completed and can be closed now.

ppyordanov closed this on Jan 21

ppyordanov referenced this issue from a commit on Feb 4

`[LOGO] + [REFACTORING]` `d01e8a9`

ppyordanov referenced this issue from a commit on Feb 4

`[LARGE_ITERATION] improved models, better UI, map configuration` `32b208b`

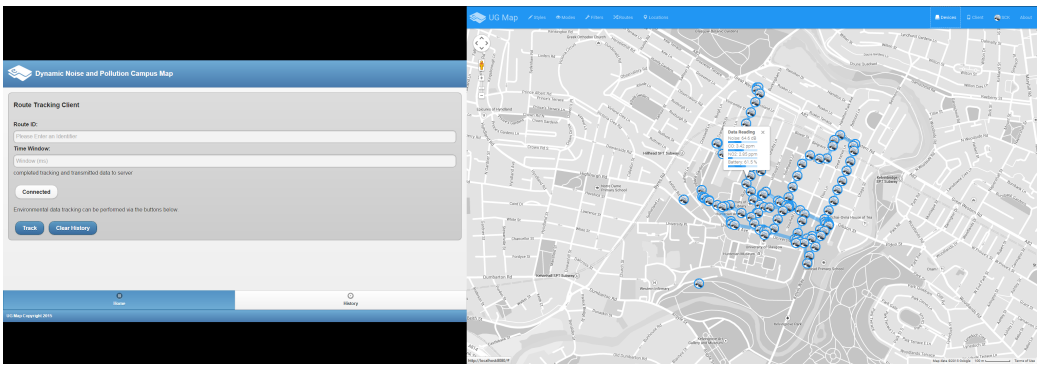
ppyordanov referenced this issue from a commit on Feb 4

`[REFACTORING] menu implementation and optimizations` `9d3b885`

ppyordanov referenced this issue from a commit on Feb 4

`[ITERATION] map configuration` `c50966c`

ppyordanov commented on Feb 6



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