

2012



HMI Report

Confidentiality level : Absolutely confidential

Dalila ZAHRAOUI
David Burian



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The aim of this report is to shortly describe some choices made for this scholar project. The application consists in a GeoTagging application, able to shot places with a brief description, and save them.

The application can save after some “trips” defined by the user.

We tried to do our best respecting the Apple Guidelines considering heuristics, so we will detail them.

Wishing you a good reading ☺

1 - Introduction

The first part of this project started with a blank page and a pen. We drew our interfaces as we imagined them first, and tried thinking on easy navigation between functionalities.

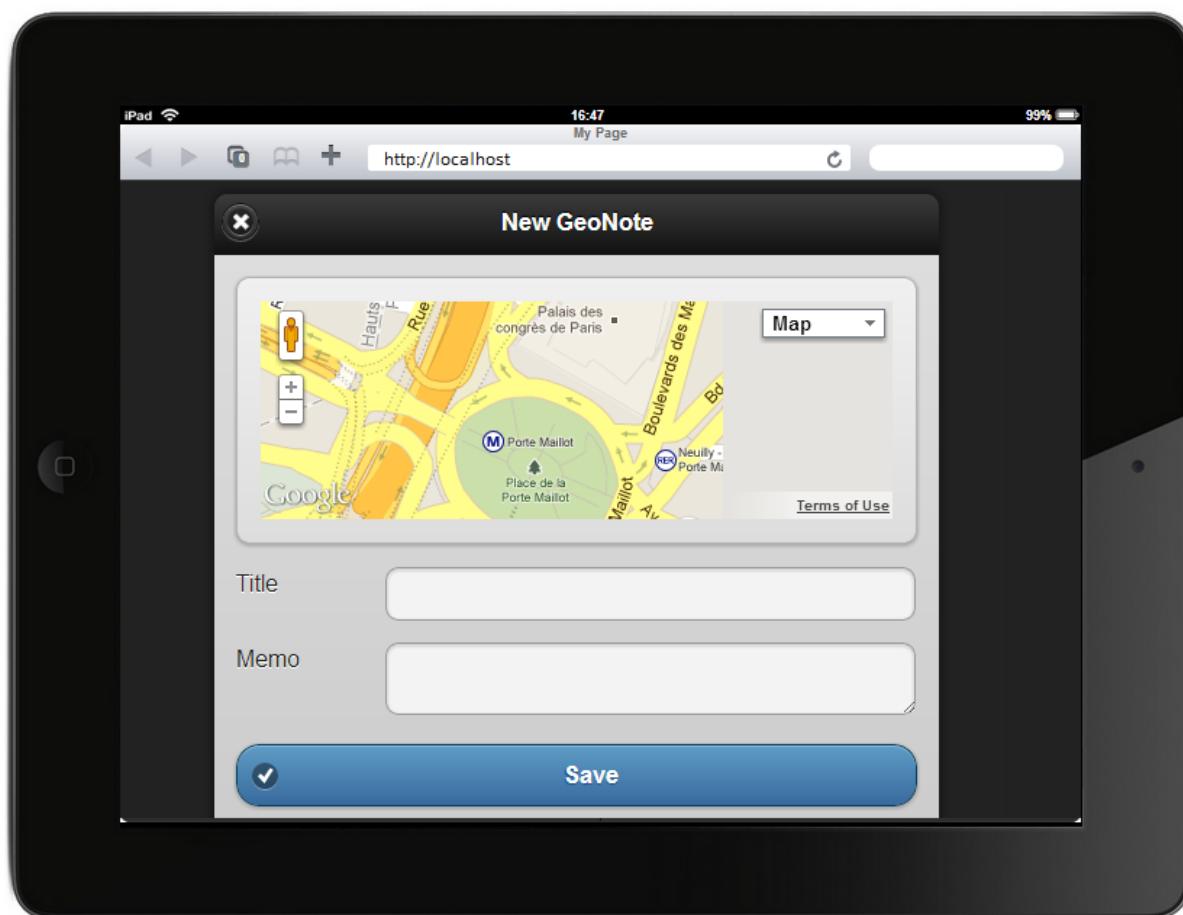
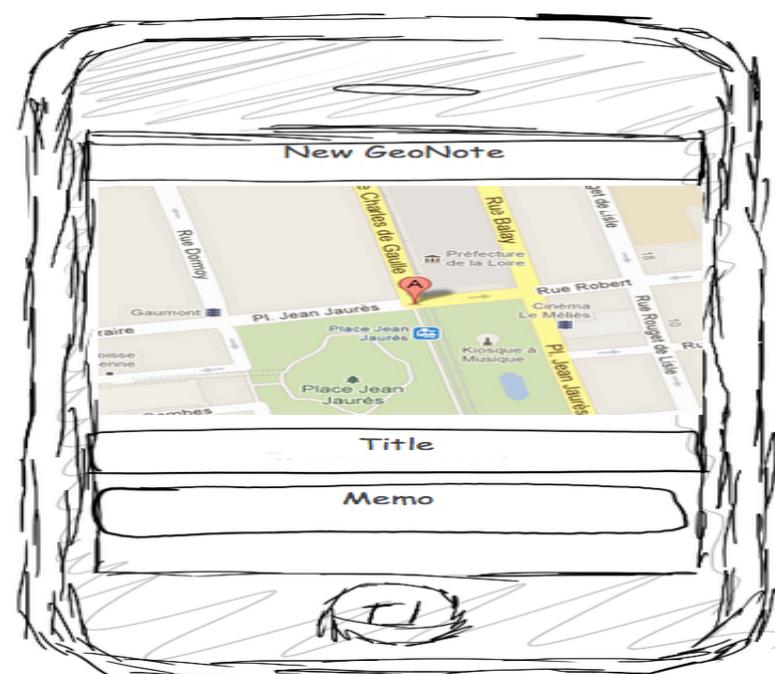
The whole application had to be thought at as a Mobile application. It is not a customization of an existing code for laptop/desktop computer. We are referring here in the iPhone Guidelines:

«An iPhone OS-based device is not a desktop or laptop computer, and an iPhone application is not the same as a desktop application. Although these seem merely common-sense statements, it is nonetheless paramount to keep them in mind as you embark on developing software for these devices.”

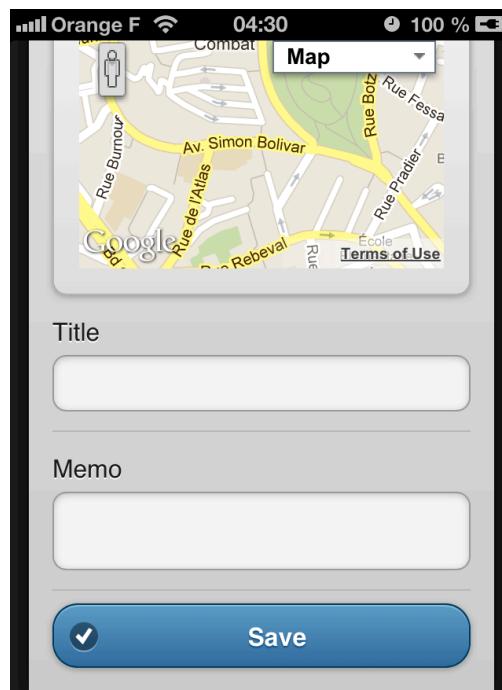
Some missed details appeared when we started coding, so we corrected our sketches and put the “right buttons” at the right place.

2. Add a GeoNote

To Add a Geonote, we taught it more expressive to lunch the “AddPage” as a pop-up. It gives this impression of not viewing existing thing, but creating something from scratch.

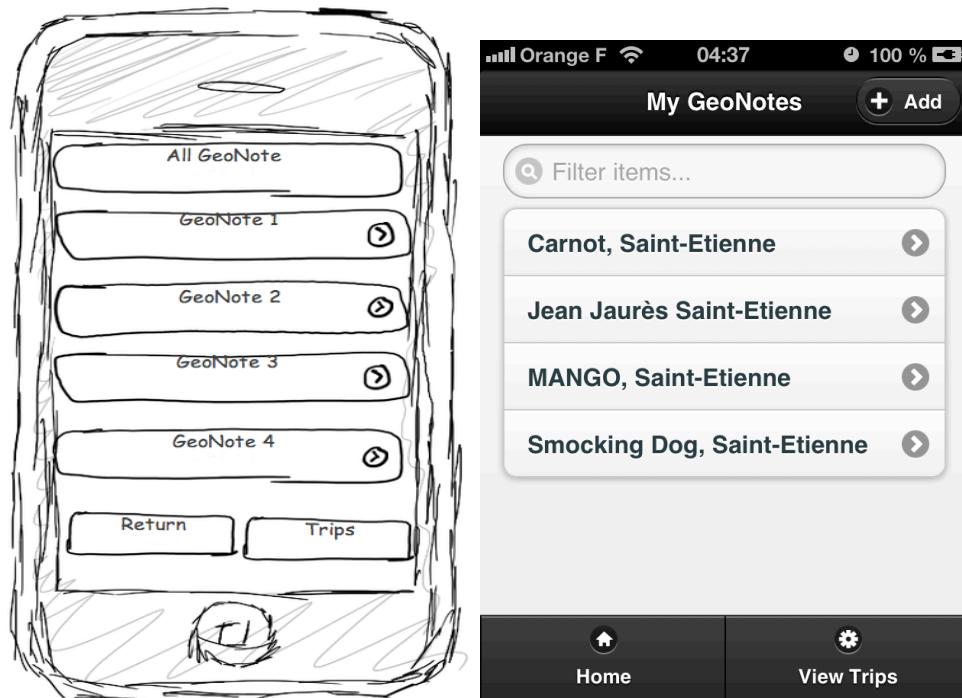


Once completed the field Memo with a text customizing the GeoNote, we can process saving the whole GeoNote:

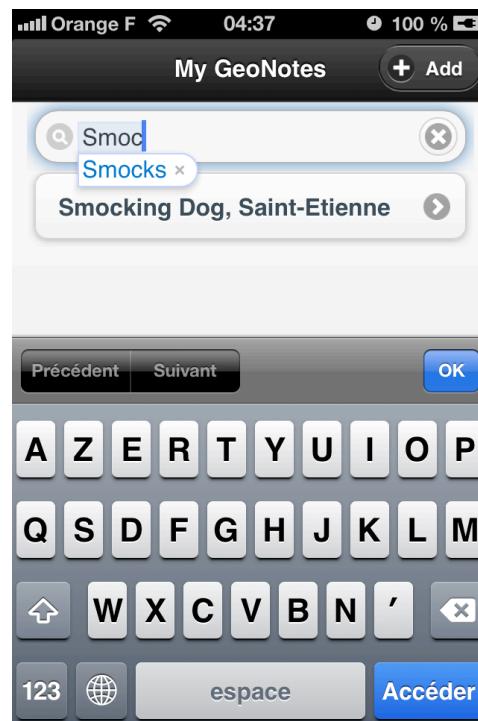


3. View GeoNotes

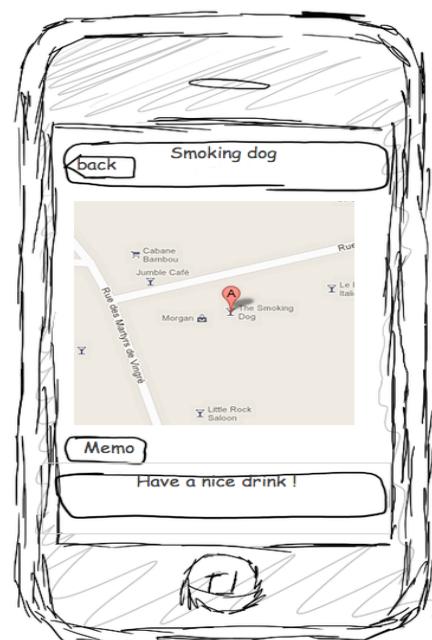
The result when we go to the main page viewing the taken GeoNotes, we can see all the notes.

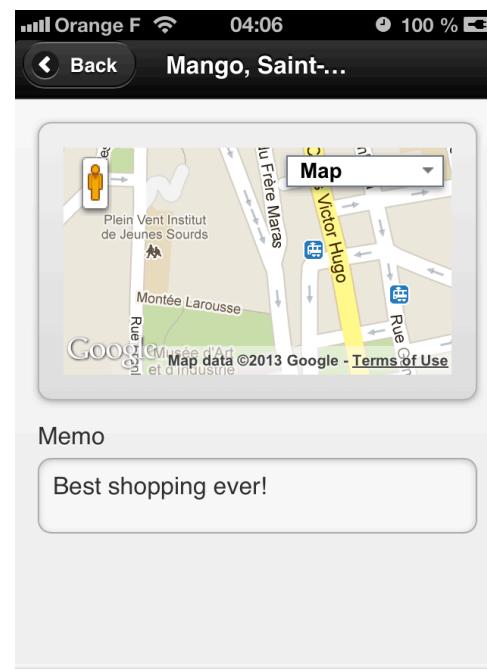
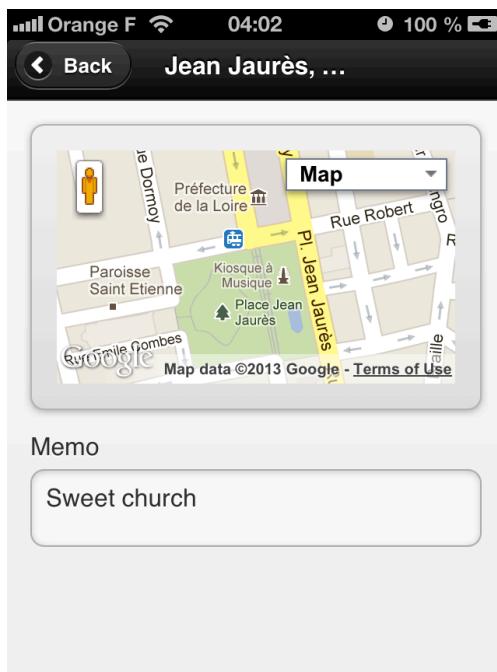
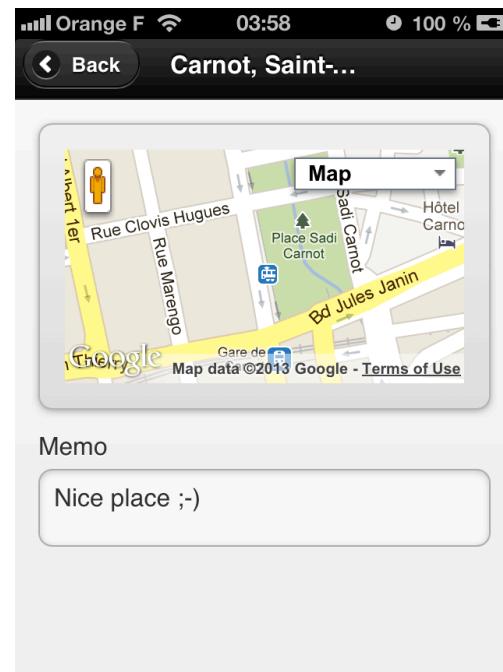
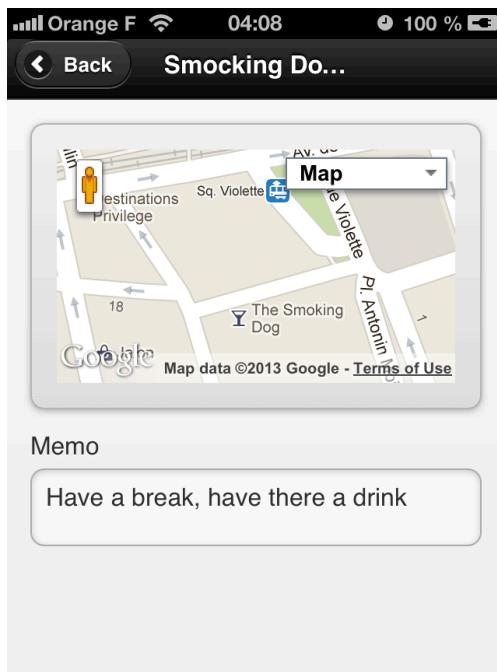


We've noticed also that it could be very interesting to have a finding function (a kind of filter) to get to the right note by a Keyword, like this:

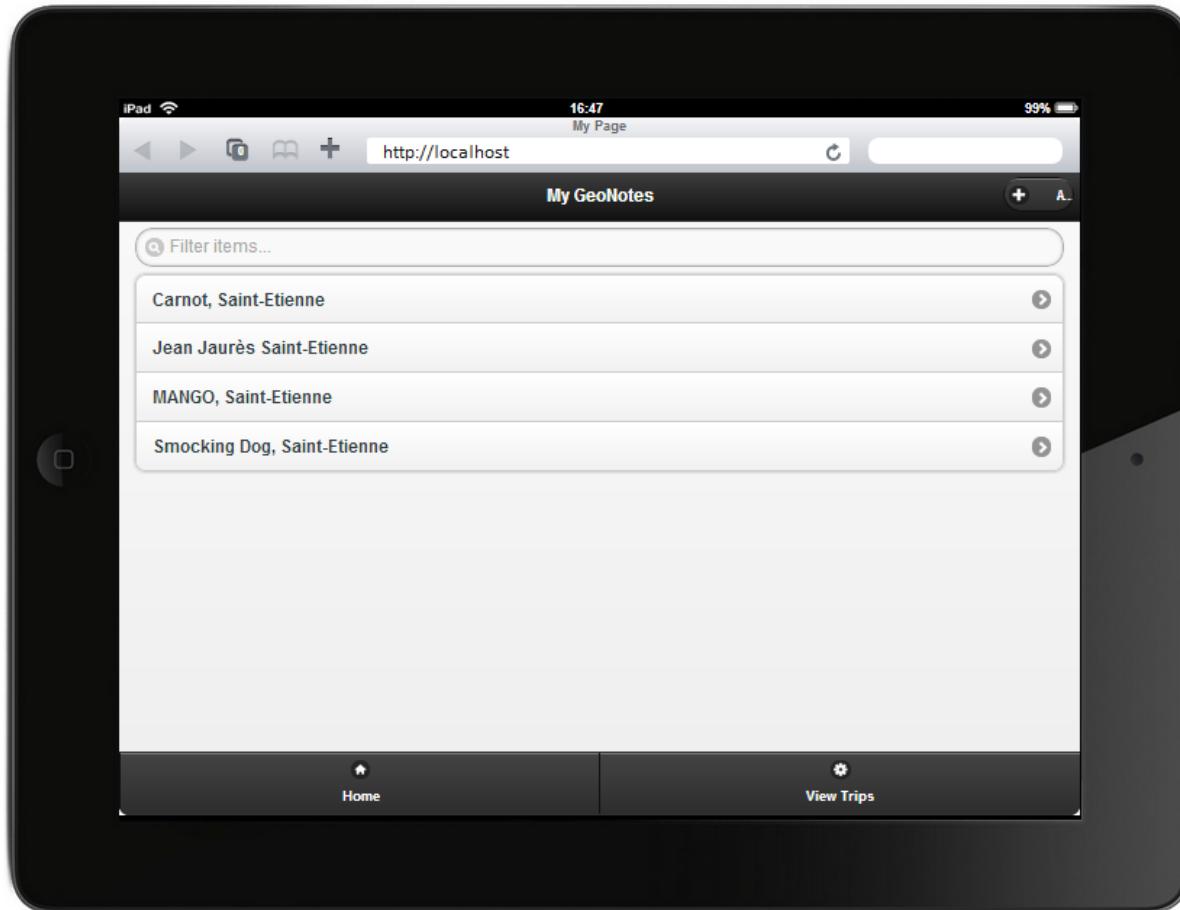


We attached importance also to accessibility: From the Notes view we have a direct access to "Trip Lists", and each Note can be accessed and viewed in detail like this, accessing the Memo text too:





The view of all GeoNotes for the admin usin an Ipad looks like below :

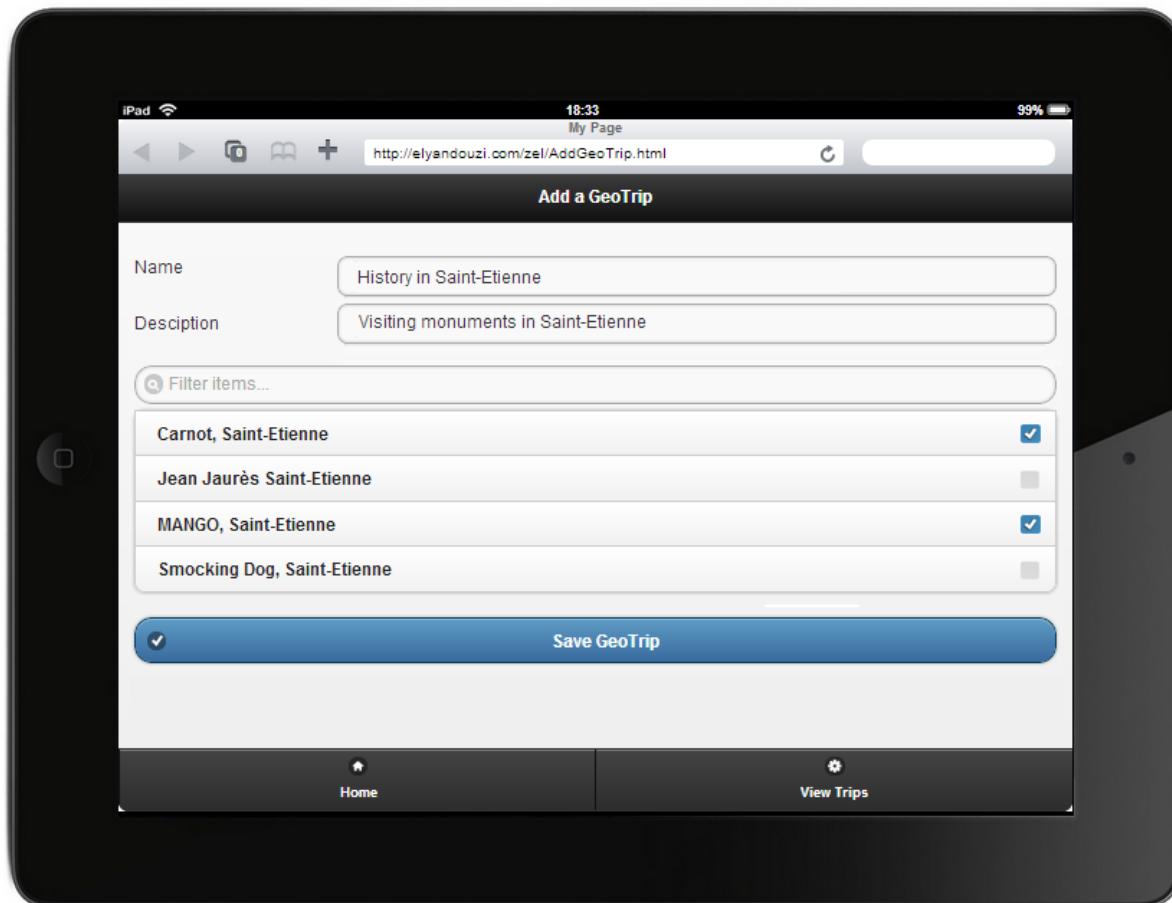


You can also notice something we have been told in class, but also findable in the iPhone Guidelines, which consists in One Screen at a time:

One of the biggest differences between the iPhone OS environment and the computer environment is the window paradigm. With the exceptions of some modal views, users see a single application screen at a time on an iPhone OS-based device. iPhone applications can contain as many different screens as necessary, but users access and see them sequentially, never simultaneously”

4. Add a GeoTrip

Once the admin has created some GeoNote he can purpose a trip.



An interface listing all the trips will appear like below. We have thought, for both the admin and the final user, that it would be interesting to provide a searching button with a filter. By setting a keyword the trips with this keyword would appear.

