Moble

Sweet Family Project

User documentation
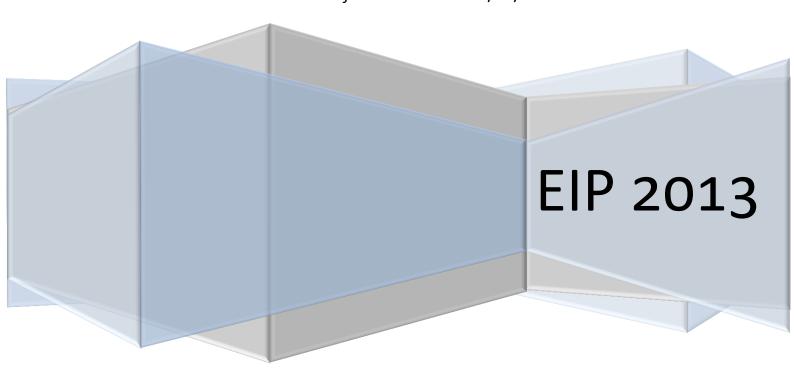
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Last revision of the document: 17/01/2013

EIP 2013

Context of the document

Abstract

This document describes the user interface for Smartphone client applications of the Moble project. It will showcase the capabilities of these applications and publish a subsequent user manual.

This user manual is written for each application of the following parts:

- connection,
- seeing notes,
- scrolling of notes,
- edition of notes,
- management of notes by multiple selection,
- sharing of notes.

Document information					
Team of the project	**Name of the project**	**Name of the product**	**Document type**	**Version**	**Status**
Romain Jacquet Xavier Leporcher Fabien Gavory Matthieu Pinte	Sweet Family	Moble	User documentation	13.01.17	Release

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1. Context

1.1.The Epitech Innovative Project

The Epitech Innovative Project (EIP) is an end of study project on two years, intended to immerse students in a professional process. The resulting product thus has to be finished, properly documented, with reel exploitable applicative openings.

Its interest is twofold: allowing on the first side to concretely develop our skills in project management and, on the other side, to form ourselves a sound experience in development of finished products. It thus represents a true value added on visiting cards of all of the team members.

1.2.Concept of the project

The original idea of the project is to allow its users to quickly and easily take notes, like "post-its", to set on those a date, to liven up them with various information and to validate them when the task they describe can be considered as "done". The innovative aspect of this concept is to allow users to share their notes with their entourage who will of course be able to see these notes but also to interact with these ones to give additional information and to validate the tasks on behalf of the user.

1.3.Presentation of the project

Moble is an application for Smartphone. It can quickly and easily take notes on how to "post-its" and validate when the task is performed as described. Moble is available for Android and iOS.

Notes created using Moble are not reserved exclusively to their editor: they can share with those around him and even be completed or marked as done by his friends. Writing notes is fast and completely free. Each has optional features to customize, such as a date for an appointment not to be missed or a quantity and a price for shopping lists. Notes are displayed as a timeline or "timeline" easy to navigate.

No need to create a special account to utilize the functionality of Moble: user registers on the phone with their Facebook account. It can then directly share his notes with friends without having to recreate a new relational network.

2. Prerequisite

To illustrate on a Smartphone the interactions of a user with the application, we will speak in the following of the following actions:

- **<tap>** quick pressure with the finger
- **<swipe>** slide of the finger, proposed as <swipetop>, <swipebottom>, <swipeleft> and <swiperight> according to the movement direction of the finger, respectively, to the top, to the bottom, to the left and to the right.

3. Connection

The connection to the user account is provided by the connection system of Facebook, the famous social network.

If the user does not have a Facebook account, he could easily register himself with the Facebook tools for Smartphone that we have integrate under the connection button.

This guarantees us a direct access to a user's rich social network which would be upset to have to recreate it on the application.

Figure 1: Connection screen

4. Seeing notes

Figure 2: Main screen

Notes appear in a timeline sorting them by date, from the most imminent, at the bottom, to the most distant, at the top.

There are two buttons in the menu: The one at the right side allows creating a new note and redirecting the user to the edition of note screen; when the one at the left side open another screen containing information about the user account witch display the user's portrait, first name and last name and allow this one to invite his Facebook friends to Moble or to publish the use of Moble on those friends' walls.

5. Scrolling of notes

Figure 3: Main screen (scrolling)

The timeline can be skimmed with the actions <swipebottom> et <swipetop>. At the display of the main screen, notes are downloaded from the server.

The user can access to the edition of note screen to see or edit his information by a simple <tap> on the title of the corresponding bubble.

6. Edition of notes

Figure 4: Edition of note screen

A note must compulsorily have a title. If the latter is not set, a default value is allocated. The date, price, quantity and comment properties, optional, are listed under the title.

To add or modify a property, the user only needs to edit the corresponding field. Modifications are instantly saved.

To remove a property, the user only has to empty the corresponding field.

7. Management of notes by multiple selection

Figure 5: Main screen (selection of notes)

Several of the notes displayed in the timeline might be selected at the same time so they constitute the current selection. A note is selected by a <tap> on the checkbox on the left side of its bubble. It is unselected by the same action.

It is then possible to do actions on the current selection from the menu which is altered when some notes are selected. The user can then, from the left to the right:

- Cancelling the selection, having the effect to switch the menu to its basic display.
- Sharing all the notes of the current selection.
- Validate or cancelling the current selection. The two buttons of the menu are interchangeable and the cancellation one is shown when all the notes of the selection are already stated as done.
- Removing all the notes of the current selection. A confirmation pop-up is then displayed and the removing is only done at the confirmation of the action.

8. Sharing of notes

The sharing screen displays the friends of the user who already use the Moble application.

If necessary, the user can scroll the screen to the bottom by doing a <swipetop> and go back to the top with a <swipebottom>.

To share or cancel the sharing to a friend present on Moble, the user have to <tap> on the portrait of his friend The friends who have the note shared are shown highlighted.
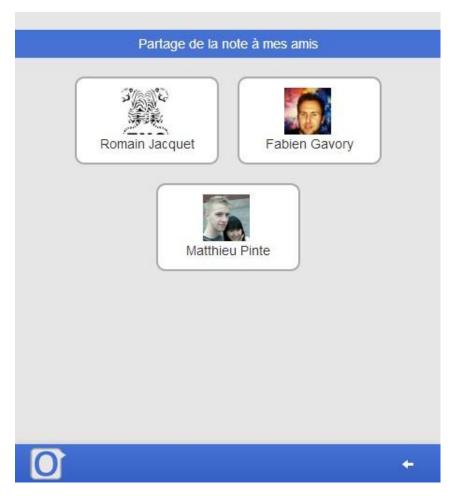

Figure 6: Sharing of notes screen

9. Web site

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