

## Pap Vacances

### Case Study



The application helps browse thousands of listings of vacation rentals, contact the owners directly by email or phone, keep your favorite ads to your personal selection, share your favorite heart with friends and relatives

**Customer:** MobiStep SAS, France

**Project:** Mobile application for iOS "Pap Vacances"

**Type:** Mobile development

#### Requirements:

The initial requirement was to develop a mobile application with a convenient and modern UI for people who want to get information about French hotels, flats, shale in the mountains, open beautiful places/regions in France. One of the requirements was to have possibility to see all the photos and possibility to reach/contact owner or to rent the place directly. Integration with Social Networks is included to share liked places to your friends.

#### Challenge:

There were a number of challenging points such as:

- Implementation of asynchronous data retrieves from web server to have fast arrangement of UI in mobile application
- Custom Map implementation for both platforms
- Developers had to integrate several third-party systems and API for such features as comments, etc.

#### Solution:

To guarantee fast app reaction and rapid UI view developers made organized work on low level with threads management on C++ (semaphores, critical sections). To implement custom map we found special third-partly SDK which is implemented on C/C++ and has better performance in comparison with standard maps which are included in iOS/Android phones, therefore it has less functionality.

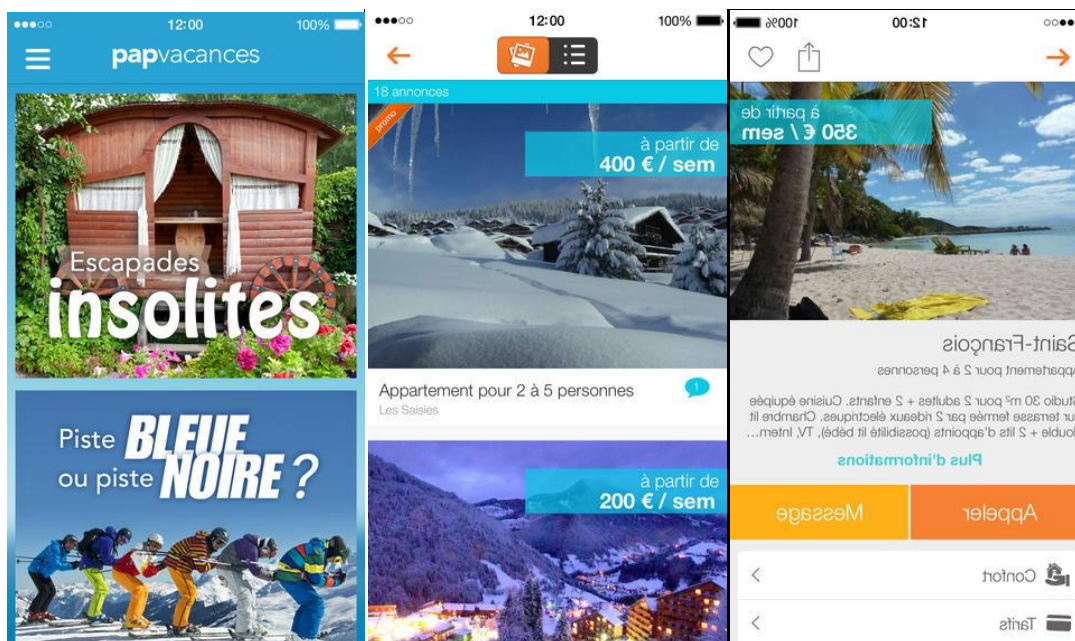
#### Results:

The final product obtained as a result of the development process was a French mobile application for iOS and Android "PAP VACANCES - Location de vacances de particulier à particulier".

The application encompasses the functionality as follows:

- PAP VACANCES application is compatible with iOS6-7 and above and works over all generations of iPhones and iPads also it is compatible with Android 4.0 and above and works over all generations of Android Tablets

- PAP VACANCES application has 5-pages tutorial which helps to understand the application promptly
- PAP VACANCES has “Facebook-style” menu where user has convenient possibility to navigate the application and rule of “2 clicks” to get the screen is used
- Users are able to select from pre-coded categories type of rest they are looking for
- Users can get all information about the place (photos, description, comments from other users) to have a choice whether they want to visit this place
- Users can share information about the places via social networks installed on the phone
- Users can post a comment about the place for others
- Users can add favorites places to their personal list and review them later
- Users can see places on the map along the whole
- Transitions between screens are "slides" or "fade"



**Region:** France

**Industry:** Travel & Local

**Engagement model:** Fixed model

**Technologies:** Objective-C, UIKit, Java

**Duration:** 1 month

**Staff:** one one iOS developer, one Android developer

**Platforms:** iOS, Android

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