App for Physician Management

An iPad App

Executive Summary

The client for this project was a physician in pancreas at a well-known laboratory. There was an existing web-based application and Mindfire Solutions was approached to develop a mobile version in iOS for the delegates of the pharmaceutical company. These delegates interface between the laboratory and physicians. The aim was to provide them with a mobile app in order to enable them to manage their pool of physicians, given their defined areas, in a highly efficient manner.

The site is reserved for physicians and aims to be an information platform on pancreas. The goal was to offer an iPad management interface covering all the needs of the users.

About our Client

Client Physician | **Location** Paris, France | **Industry** Pharmacy.

Business Situation

Primary goal of the Project was to build a registration management mobile app through which the user's, who are the delegates of the pharmaceutical company, can manage their pool of assigned physicians.

The client had an existing web-application and desired to develop a mobile application for iOS.

To achieve the desired goal the following things needed to be implemented:

- User has the authentication credentials for logging into in an application and can also switch accounts in between applications.

- The following data to need an authentication to be acceded. The credentials could be stored in the previous preference tab.

- Main Focus - UI design should be good and appropriate.

- Automatic Syncing of data to be done on both occasions - first at login time and second in the case of switching accounts. Manual syncing option to be also provided.

- Web-services are used for fetching the project-content from server. The requests to be sent via HTTP and data to be received as XML.
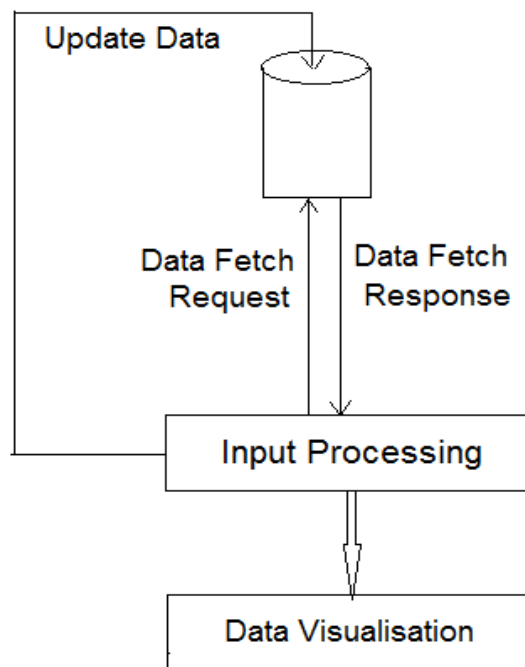
- Offline-caching to be used for the forms to be saved and data synced in the absence of internet.

- The screen to support portrait and landscape orientations.

- Data to be displayed in French.

Solution Details
The Mindfire Solution

Accepting the challenge of the complexity of the work at hand, Mindfire's developers started their work on the application. Few group discussions among the developers followed which resulted in identifying a structured plan to build the application. Finally all this had to be done keeping in mind the desire to deliver the highest possible quality project which meets or exceeds the customer's expectations. Project development screenshots of the designed screens were shared with the client as well as periodical builds. Change requests handling were also handled with meticulous planning. All these steps ensured a quality final product.

Here are some screens that are designed as per client's specification.

- **Login -** new user can register /existing user can login.
- **Registration Form -** to register physicians.

- ● **Recruitment Statistics** - displays statistics as per region, sector and France.
- ● **Preferences/Switch Account -** user can switch account and also modify his details.
- ● **Physician directory -** displays physicians list and their details.
- ● **Document orders management** - displays list of Documents with their status which can be changed.
- ● **Opinion Management –** displays list of opinions along with the user details.
- ● **Transfer Screen –** to manually synchronize the data and for sending pending request.

Technologies

iPhone 5.0 SDK, Cocoa Touch, Xcode 4.2.

Final results

Software System: Screenshots

Customer benefits

The final product provides huge benefits to the customer in managing the pools of physicians through the efficient use of the application on iPad.

Future relationship

After the successful completion of this project, the client was pleased with Mindfire's working solution. He was satisfied with the UI design which he was very particular about.