



App for Sales Team

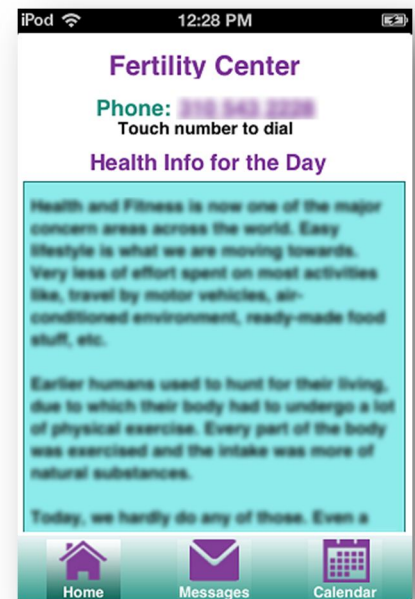
An iPad App

Executive Summary

The client for this project wanted us to build a mobile version of an existing web-based application. This application, fertility companion, was used by patients for:

- Getting their appointment details on dashboards
- Obtaining treatment details on a calendar-based view
- Collating their message interactions with physicians

The project involved developing mobile versions which could run on iOS and Android platforms. The team at Mindfire used the “Write Once, Run Everywhere” PhoneGap Framework to achieve the results. The choice of the framework was driven by the fact that PhoneGap is simply one of the most compatible open-source mobile applications currently available in the market. By consuming the native APIs for all major smart phone operating systems (Android, iOS), this Framework is smart enough to rapidly build apps with a native look and feel.



About our Client

Client: Healthcare Solution Provider | **Location:** CA, US | **Industry:** Healthcare

Business Situation

The web version of Fertility Companion had been developed by the client and was widely used by patients. The application runs on desktop web browsers. It allows physicians to record their inputs using another desktop application. The patients on the other hand get access to regular updates and treatment history, as and when they want to, from physicians using a web browser. The client however was interested in increasing the accessibility of the application. Given the wide-spread use of mobiles and smartphones, it made sense to the client to build the mobile versions of the application to achieve its purpose. Given the popularity of Android and iOS among smartphones OSes, the client also wanted device specific features to be added to the mobile version so as to make it act like a native app. It was supposed to share the same database as the existing one for the web version.



Solution Details

The Mindfire Solution

The choice of the team at Mindfire to use PhoneGap framework was quite apt for the situation at hand. PhoneGap applications are free from the limitations that operating systems place on user interface (UI) design. With a true blank slate, one can easily create business applications that are every bit as elegant looking and intuitive as consumer applications. It also makes it possible to develop the application at low cost and faster turnaround time.

Technologies

PhoneGap, iOS SDK, Android SDK, HTML5, JavaScript

Final Results

Software system

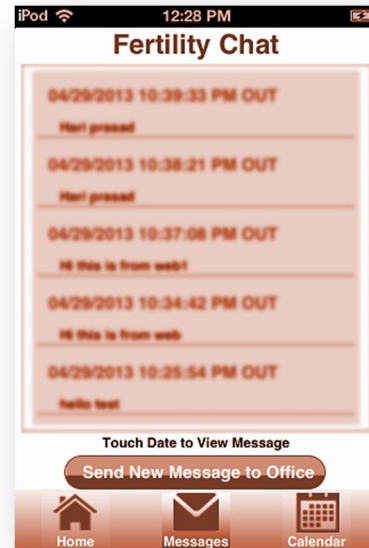
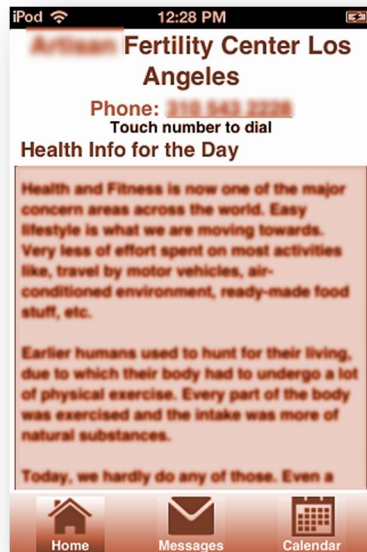


Architecture diagram

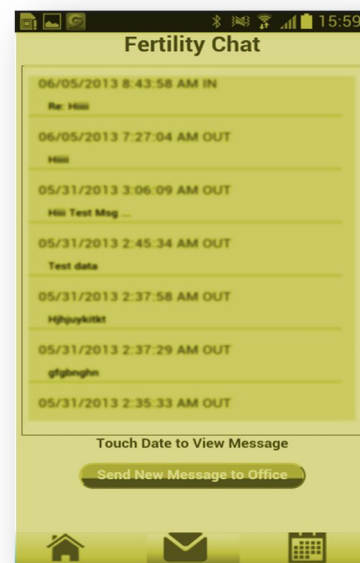
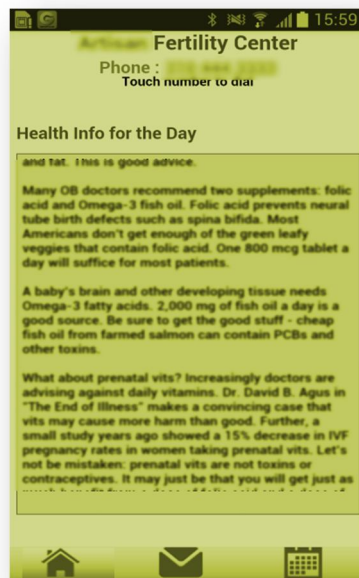


Screen Shots

iOS:



Android :





Achievements

The basic requirement of our client was to create the app targeting both iOS and Android with all the requested features without losing out on quality, design and speed. We have accepted the challenge. An extra care was taken to code for both the platform using HTML5 and JavaScript. This was done to overcome the design constraints of both versions and platforms.

Customer benefits

PhoneGap provided a cost-effective solution to create apps quickly and deploy them on multiple popular platforms. This had a significant impact in reducing the time-to-market and target audience coverage. The end result was a feature-rich, sleek, and easy-to-use application targeting all popular mobile platforms.

Future relationship

Our client was very happy with the performance of the App. They approached us for new enhancement of the Application for closed work order functionality.

