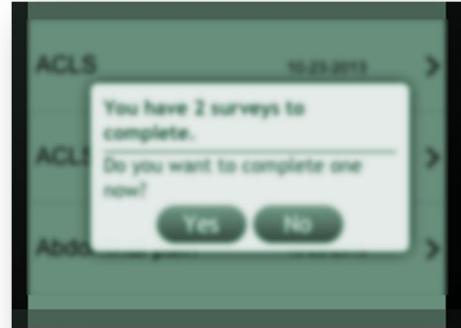


Executive Summary:

The client wanted to build an application which will help medical students to learn about different diseases. The diseases with the symptoms and related case studies get assigned by the professors to students depending on the area of medical science they belong to. Depending on the details assigned to a student, he/she has to answer a series of questionnaires in order to complete the study cycle on a particular topic. The push notifications and alerts help the users to keep notified and alerted. This application runs in iOS and Android platforms in mobile devices.



We used the “Write Once, Run Everywhere” PhoneGap Framework which is simply one of the most compatible open-source mobile applications in the market. This Framework is smart enough to rapidly build apps with a native look and feel by consuming the native APIs for all major smart phone operating systems (Android, iOS).

About our Client:

Client Name: Software Service Provider | Location: CA, USA | Industry: Healthcare

Business Situation:

Basing upon the client’s requirements, one of our web development teams built a web application in order to enable the process of uploading the topics and the related content. This activity is expected to be done by the professors. They are also required to mark the weeks for which the topics are intended for. The mobile app then syncs the data from the web by using the APIs exposed. The uploaded content thus gets rendered on the mobile screens of the corresponding students.

The Mobile app accepts the user input from the screen and push it to the server. In case the phone is offline, it stores everything in the device until the device comes back online. When it does, the app starts pushing the data to the server. For further references, all the synced up data are made accessible to the user in offline mode too. Upon assignment of a new topic, it

sends a push notification to the concerned student in order to alert him/her about the new arrivals.

Solution Details:

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. The solution also makes it possible to develop applications at Low cost and with faster turnaround time.

Technologies:

PhoneGap, iOS SDK, Android SDK, HTML5, JavaScript

Architecture Design:

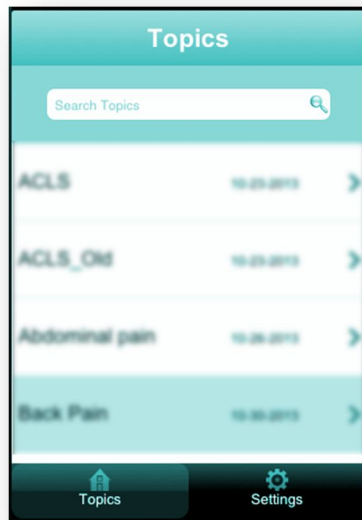
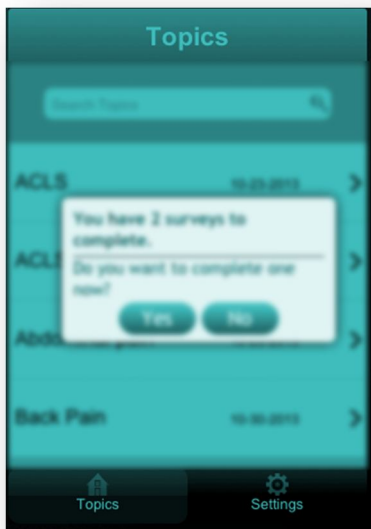


Screenshots:

iOS



Android



Customer Benefits:

PhoneGap provided a cost-effective solution to create quick apps which can be deployed on multiple popular platforms thereby significantly increasing our client's 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.

