

Deliver a Custom App Integrated with a Fully Functional Web Solution

■ Client Overview

The client is an application provider developing integrated and fully functional cloud-based solutions for medical use.

■ The Challenge

A truly effective application must not only be designed for optimal mobile performance, it must also provide Web functionality.

The client wanted custom mobile and Web solutions to transform an application that dispenses dose/medication reminders into a fully centralized platform, replete with the reports views function. Their application, which intends to help patients remember to take their medication at the right dosage and at the right time, must:

- Support both iOS and Android devices
- Enable viewing of reports
- Be designed for both mobile and Web

■ The Solution

Throughout the development process, Smart IMS brainstormed with the client for effective:



Requirement gathering



Mockup creation



Designing



Architecting



Testing and deployment



User Acceptance Testing

Subsequently, Smart IMS built the mobile application using Xamarin, which equips it for both iOS and Android access. The first-of-its-kind to provide the scan-a-drug-with-a-barcode feature, the Med-Com mobile app was user friendly, comprehensive, and fully functional.

The Web solution, Med-Con Central, was developed using an AWS serverless framework, PHP, and MySQL. As a central application, it integrates seamlessly with the mobile app and offers efficient viewing of reports to users - and can be customized according to any client.

The end result was demonstrated to the client and tested by 20 end-users for four weeks, and found to be perfectly functional.

■ Benefits Delivered



iOS and Android Support



Web Central Access



Easy Reports Viewing



Easy-to-use Custom App



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