

Case Study | Mobile Application



Recovery Coach for Healthcare Industry

About Client

The client is a leading healthcare company providing rehabilitation programs for drug and alcohol addiction.

Technology Used

MVC5, jQuery, Entity Framework, Microsoft SQL Server, SSRS Reports, Android SDK, Web Services, Android Push Notification, and SQLite

Business Benefits

- Scalable Platform
- Multi-Tenancy
- Mobility
- Centralized data repository

Business Challenges

- To build a mobile application that will be used for the initial study of the adults being discharged from the treatment, and will be replicated with adolescents and in other contexts as well
- To facilitate future extensions to the application and ensure that its development contributes to our larger research effort. Also, to develop and test just-in-time adaptive interventions, the Recovery Coach application should be engineered, as much as possible, so they use more general-purpose software modules that can form the core of the Open Source Mobile Health Platform (OSMPH)

Solution Provided

Sensiple has developed a custom solution using well acclaimed and robust technologies for the Android mobile app and the .Net based solution for the web interface, which addresses all required features and functions as per the client requirements. Sensiple built the solution in compliance with HIPAA and other data security requirements.

We implemented the following tasks:

- Custom Framework Creation
- GPS Integration
- Charts
- Push Notification
- Telephony Manager
- Scheduler
- Web services Integration (REST)
- Works offline
- Data storage, retrieval, and sharing (SQLite, Internal and External storage)

