

# Post-Discharge Mobile Health Check App

The client is one of the largest and most reputable healthcare services companies in the United States. The company provides software, services and technology consulting to hospitals, physician offices, imaging centers, home healthcare agencies and payers.

They wanted to develop a mobile application to get the status of a patient's health factors like weight, height, blood pressure, pulse and symptoms via mobile devices after his or her discharge. This application helped patients who were hospitalized earlier to adhere to the hospital's recommended post-discharge services, and it also helped hospitals and healthcare providers identify potential health issues before they become urgent and costly.

## Business Benefits:

- Reduced patient re-admissions
- Improved quality of care



## Key Highlights

- Securely stored patient information in the core system, adhering to compliance and regulations
- **Special Features:**
  - Sent reminders to patients in a timely manner (push notifications)
  - Provided option to directly call nurse or doctor's office
  - Provided physicians with option to review patient health records and contact patients if there are any major symptoms or changes in their condition
- Conducted load testing and provided performance reports, which helped improve application performance

## Technologies

- Java 1.6, Objective-C 2.0, Tomcat Application Server 7.0, SQL Server 2005, iOS 4.3, Mac OSx, SVN, Maven 2.0, Ant, Java REST web services