# Case Study

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## Web and mobile based retail pharmacy POS system

# Client Requirement

The client is the leader in pharmacy POS innovation and offers the best Pharmacy point of sales solutions to clients across the world. They provide services to all types of pharmacies; irrespective of its size. Also, it integrates more than 25 pharmacy management systems, offering the one stop solution that can let you be on the go. Apart from that, it has got support staff specifically for pharmacy point of sales systems only.

The best part of it is that, you can trust it, as it got over 1,000 installations nationwide. The client wanted us to customize their existing point of sales application, so as to manage retail solutions in the best manner.

**The specific requirements of clients were:**

- Revamp the look and feel
- It must work well on 7-inch Windows 8 tab with the help of WPF technology
- Fix the existing errors

# Project Challenges

Keeping in mind all the requirements of clients and the features of this POS system, our highly qualified, skilled and experienced team members started the project. However, they face a few difficulties during the project. Some of them were:

**Team faced the following challenges:**

- Providing solution in such a way that it works for various screen resolutions
- Providing support for various OS like  Windows 6.0, Windows 8.0, Windows 8.1
- UI for small screen devices
- Communicating with client of different timezone
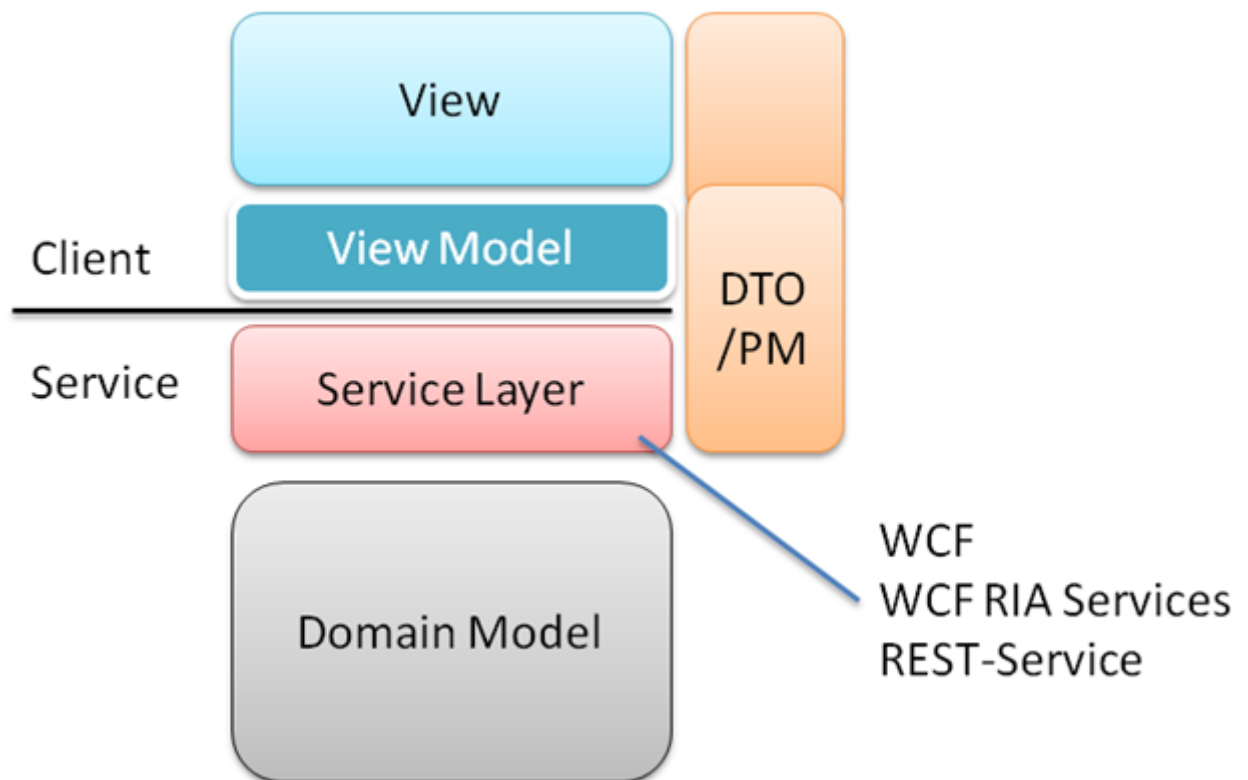
## Technologies Used

| Operating System & Server Management | iOS, Android, , Multi-Server Architecture with Staging & Production Environment through Version Controlling releases & Maintenance |
|---|---|
| Development Tools & Environments | PhoneGap Cordova, AJAX, Java Script, HTML5, CSS3, Angulajs, Bootstrap, jQuery |

## Manpower

| Project leader | 1 |
|---|---|
| Developers | 3 |
| Designers | 2 |
| QA | 1 |

# Architecture

Looking at the client requirements, features and challenges faced in the POS project, the developers and designers together decided to use MVVM design pattern, WCF Service integration architecture…



# Highlights

- Completely new look and feel
- It works the best with different screen sizes and resolutions
- Supports all Windows OS; be it Windows 6.0, Windows 8.0 and Windows 8.1
- New user interface for design with small screens