Californian Health

System

Description

Document

# Introduction

Californian Health are a leading private healthcare provider with a network of hospitals, outpatient centres and clinics. Our head office is based in San Jose, California, US. We have been operating one of the largest health care facilities in North America for the last 50 years.

Since establishing our operations in UK since 2005, we have bene growing slowly and we are currently award-winning private hospitals, specialist clinics, outpatients and diagnostics centres and private GP services spread across London and Manchester. As well as providing advanced, high-quality care to patients in these environments, we also partner with leading NHS Trusts.

We currently have an agreement with a network of private General Practitioners (GPs) to provide specialist consultancy and private healthcare for patients around the UK. We currently have around 15,000 registered members who use our private healthcare.

# Background of the system

Our public facing website (<http://www.californianhealth.com/>), has been operating since 2005.Initially we served static pages built using HTML and JavaScript. This was hosted on a physical server hosting Windows Server 2003 and IIS web server 6.0. Since the site was launched, we had users registering for our private healthcare. We then hired 3 contractors to build our initial portal where members could register and login. The portal has been built using a mix of ASP.NET, VB.NET and SQL Server. Both the static website and the member portal are hosted on the same IIS box. This is the current configuration.

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# Software Functional Description

Along with the main website which has static web pages, the site also hosts the portal which members use to login and access the services

## Registration

The registration functionality allows users to register with Californian Health. This functionality also authenticates users when they login using their credentials.

## Consultant Search

This functionality lets users search through the consultant database to find the right consultant for their requirements. They can filter the consultant search results by region, opening hours and consultant profile (such as years of service, etc.,)

## Online Booking

This functionality allows users to make online bookings with the consultant they would like to visit. Users use an online calendar to find consultant availability. The online calendar is linked to a 3rd party software hosted at individual GP surgeries. Once users complete their bookings with the consultant diary, they will receive a confirmation to their email addresses

## History

Users can look at a list of their historical visits to consultants. They can also see information on their vital statistics and can also access medical reports.