# Online Appointment setting application

## Search providers of Healthcare services and book an appointment

### Business Situation

We were asked to work with the development team at client side and collaboratively work and prepare a appointment setting application a for healthcare service provider. The functionalities that the application needed to have are the following:

- ✓ End user should be able to register in the application and search providers of healthcare services near his locality, to check for time availability for appointment. Once the end user finds that a particular provider is free for a particular date and time, he books it. The applications send a request to the provider and once the provider confirms – the appointment gets confirmed.

- ✓ Similarly Providers also need to register and show the time slots they are available for. The application should also run a background verification of the provider before accepting him into the system. The verification will be done through a 3rd party API which checks provider license in US doctors database.

- ✓ Also this application should allow providers to build their network connection within the application like LinkedIn.

### Application features implemented by Mindfire

To build this application several gems had been used along with **Rails 3.1, MySql and jQuery**. Mostly **Devise, OmniAuth** and **ACL-9** were used for authentication and access control for different types of users. **Mini_fb gem** has been used for fetching data from Facebook and **paperclip gem** has been used for image processing.

We used **Google map API** to locate the providers in a certain distance range, so that customer can search for those nearest to him/her. Also for credit-card validation and payment we have used **Braintree gem** which uses "**Braintree Payment API**". For designing and styling the web pages, **Sass** has been used. We used **Capistrano** for the deployment of the application.

### About our Client

**Client:** Confidential | **Location:** California, US | **Industry:** Healthcare

## Technologies

ROR (Rails 3.1), MySql, Google API, Braintree API and jQuery

## Architecture Diagram

Given below the architecture diagram of the application
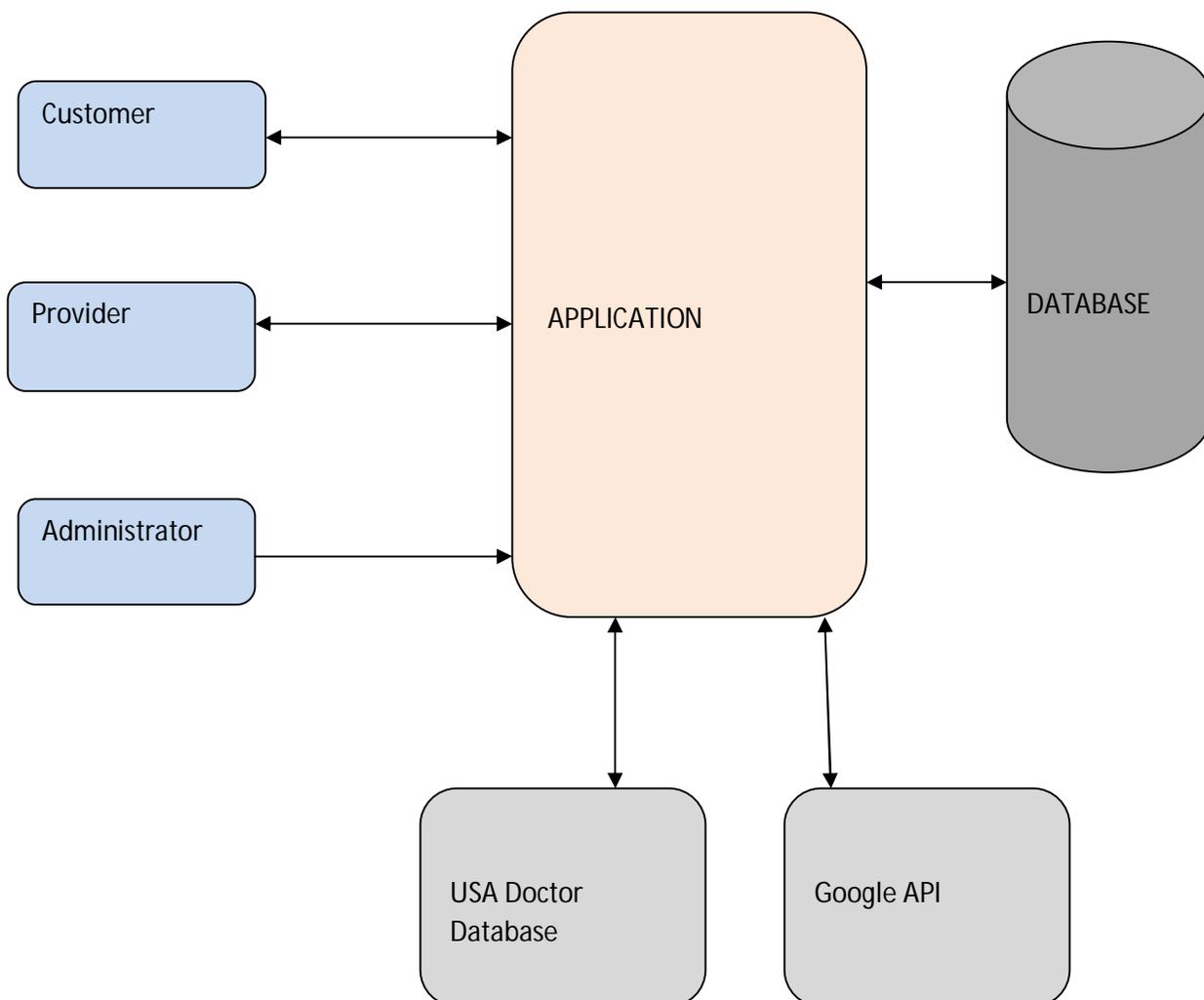
*Application Screen Shots*

Provider listing page looks like this

Provider's personal page looks like this

Cost of services page
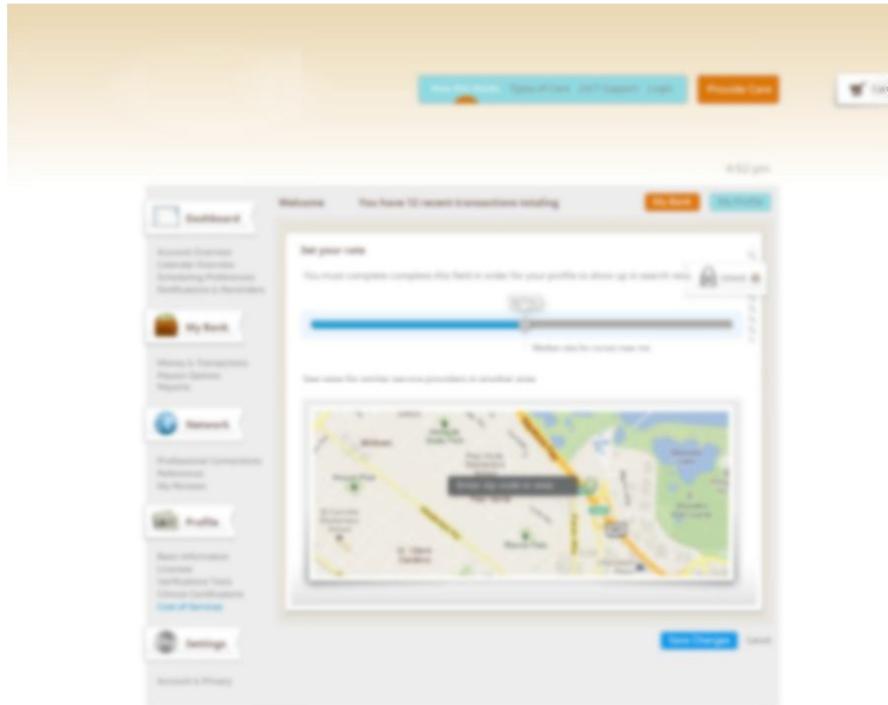


Finding care page
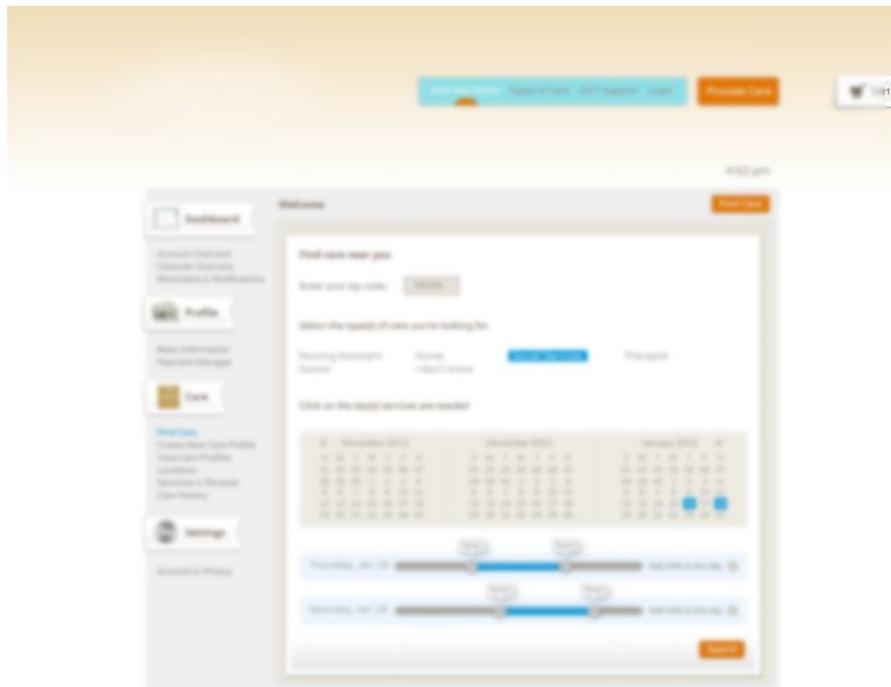
## Future relationship

The client was pleased with Mindfire's effort and reckoned that they were happy to have discovered a professional offshore IT unit. We shall continue to be the service provider for the next versions of the client's product. They have not only allocated the support and maintenance work of the current system to Mindfire but have also chosen us for future customization work.