Background

What

- The application is a notification and tracking system for informing others of a workplace absence.

Why

- Employees at Paychex, Inc. must manually complete some steps in order to notify that they will be out of office. This application is intended to automate and simplify the out of office notification process.

Who

- The application is currently targeted toward Paychex, Inc. employees, but may eventually be marketed to other companies.

Features

- Login via LDAP
- Visually display out of office status
- Generate a filterable list of out of office statuses
- Email daily reports
- Submit out of office requests
- View the status of requests
- Allow managers to approve or deny requests

Process

The project used a waterfall with subprojects methodology.

- Requirements
- Architecture
- Design
- Implementation
- Testing

Release 1: Database User Interface
Release 2: Calendar Daily Digest
Release 3: Requests Approvals
Release 4: Status Reports

The project sponsor desired an iterative development cycle, while the team felt that the structure of operations provided by waterfall along with the separation of component sections of the project would best serve our purposes.

Technologies

- C# ASP.net
- MySQL
- jQuery
- PDFsharp

Architecture

Client

- Mobile Browser

Server

- View
- Razor
- HTML
- Controller
- CF
- LINQ
- Model
- CF
- Entity Framework

Database

MySQL