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Project Overview

UrbanScheduler.com makes it easy for people across the United States to find and reserve rooms in their city to hold meetings and other events.

Design

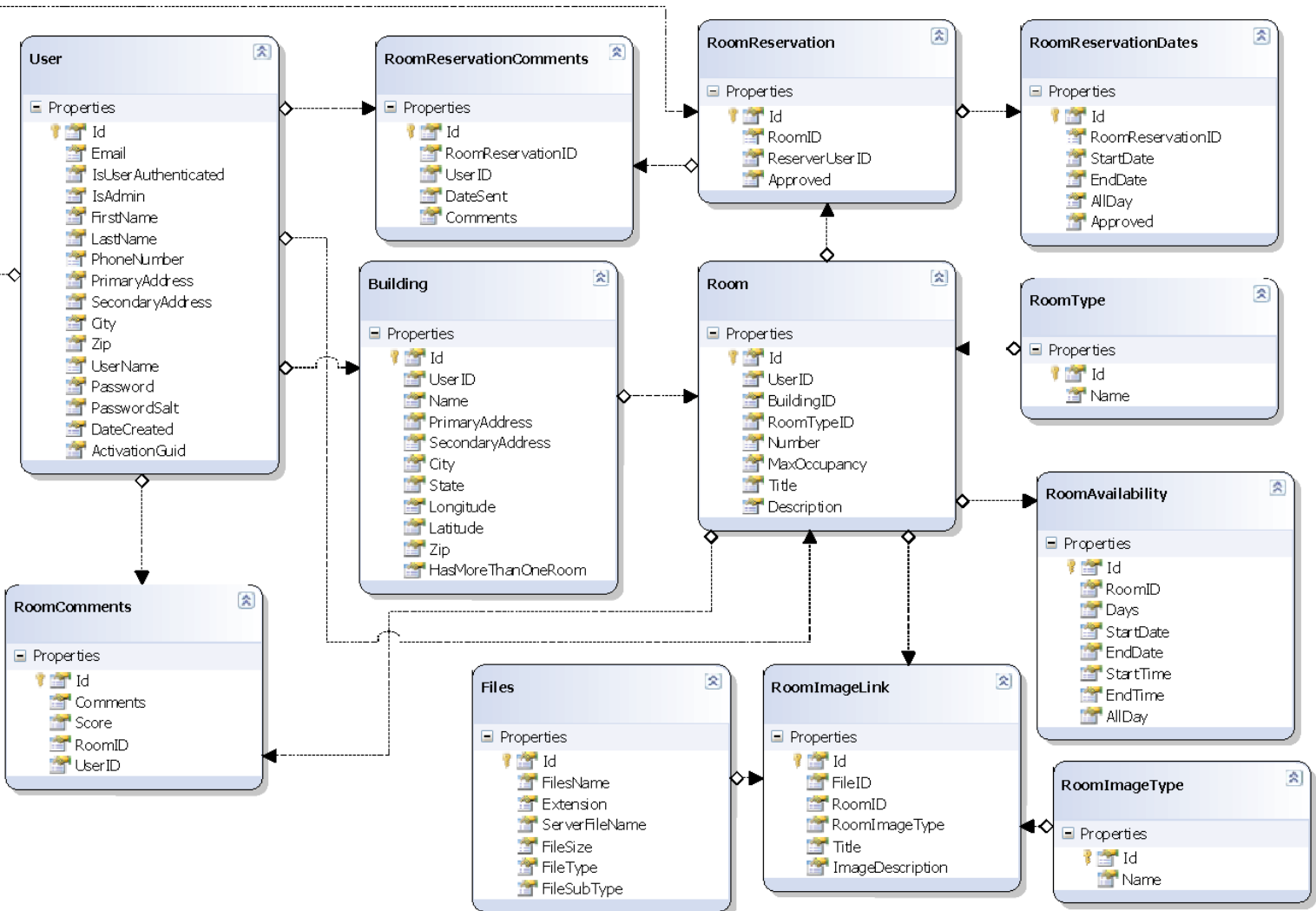
UrbanScheduler.com was designed using Microsoft .NET 3.5 ® while using Microsoft SQL Server® to store database information in a centralized location. The ERD below shows the actual design and implementation of the database.

The front end of the website is powered by JavaScript™ with Ajax ® and jQuery.

The site itself runs on Microsoft IIS 7.0 ® and is designed to be viewed in Chrome ®, Firefox ®, Microsoft ® Internet Explorer and is designed to be iPad ® aware.

It was created using an iterative methodology being implemented feature by feature as needed based on priority.

Testing is done on a module by module basis using user stories and automated software.



ERD

Features

**Find Room (s)** – search for rooms by zip code or use advanced search options to find room(s) to reserve.

**Post Room(s)** – post locations online for other users to reserve. Add address information, room descriptions, upload images and more. Add room availability both for specific days and times as well as recurring availability dates.

**View Room Details** – (figure 1) view details about room information posted as well as room descriptions, images, and current availability.

**Reserve Room(s)** – specify dates and times desired to reserve room(s) and request reservation(s).

**Create Accounts** - (figure 2) create an account with email address to post and reserve rooms in the UrbanScheduler system.

**Run Reports** - (figure 1) export numerous PDF reports for calendar and room logs.

**Collaborate** – communicate between user who posted room and user wishing to reserve room.

**Comment / Review** - (figure 1) users may leave feedback in the form of a star rating and leave comments about the specified room.

**View Room Location** - (figure 1) and (figure 2) users may view address location of room using Google Maps™ interface.

Tools



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- 2 "JavaScript" is a trademark of Oracle Corporation
- 3 SQL is a registered trademark of International Business Machines Corporation
- 4 Transact-SQL is a registered trademark of Sybase, Inc.
- 5 CodeSmith is a trademark of CodeSmith Tools, LLC.
- 6 Telerik® is a registered by Aksionerno Drujestvo
- 7 Google Maps™ is a registered trademark of Google inc.
- 8 Chrome is a registered trademark of Google inc.
- 9 Firefox is a registered trademark of the Mozilla Foundation
- 10 iPad is a registered trademark of Apple Inc

Figure 1:Room Details

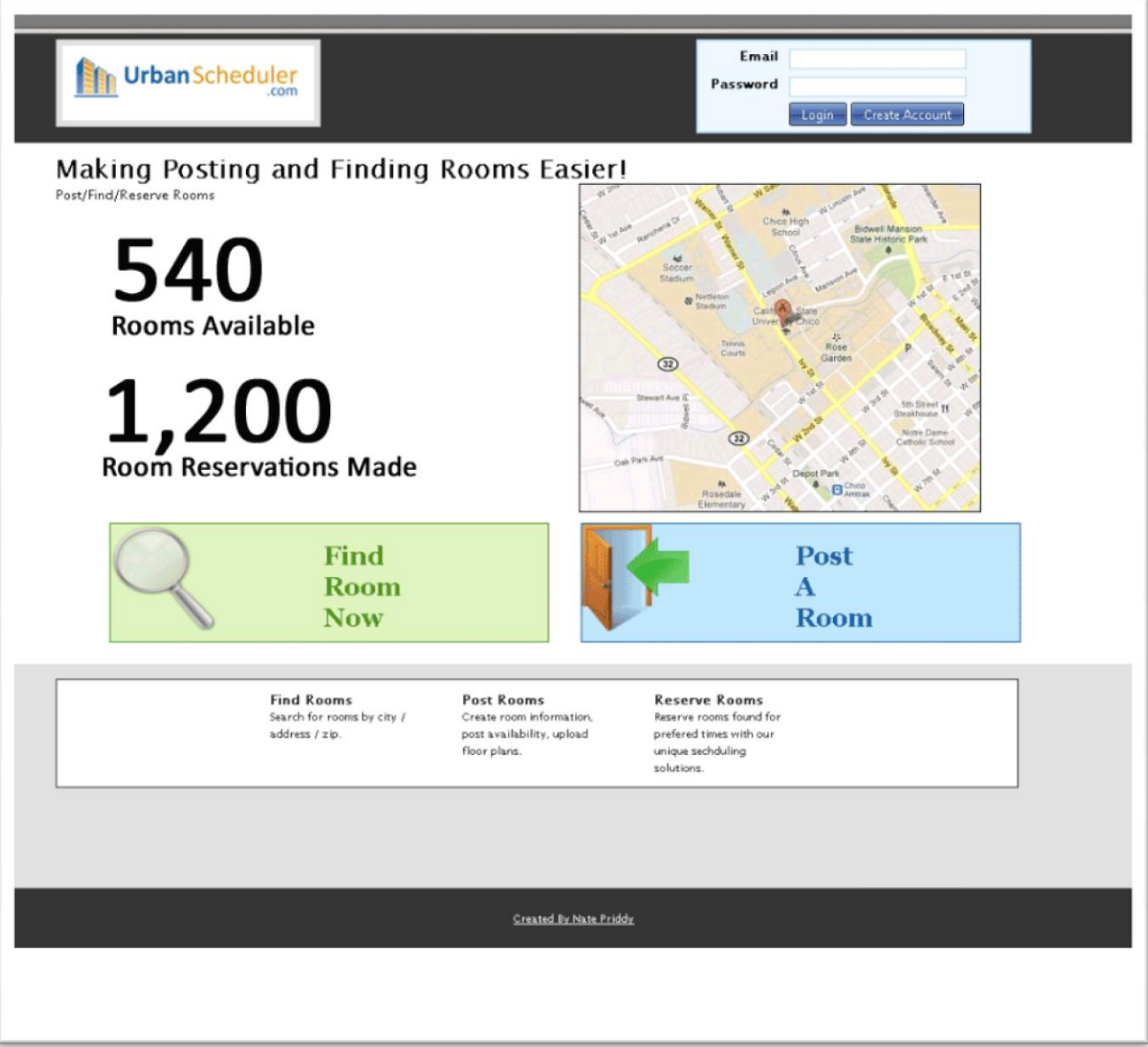


Figure 2:Home Page

