Matthew Wessley

Full Stack Web Developer

June 2020 – Sept. 2020

Reservation System

Presentation Date:

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About Me

My name is Matthew Wessley. I am a full stack web developer. I have grown up in a small town on the Lake of the Ozarks for most of my life but have lived here in the KC metro area since 2007. I have spent most of my professional career throughout sales and small business ownership. I have achieved my bachelor's degree in business leadership and communication and have always strived to continue to grow and learn. During my time with Centriq, I learned quite a bit about myself. I learned different ways to use logic and resources to resolve complex problems while being able to maintain my positive energy and outlook on the work I love to do. I chose technology for this challenge and the ability to continue to grow day in and day out. My family is what keeps me energetic and excited for the future! My family consists of my wife, Lara, my 7-year old daughter, Isabella, and we have a Saint Bernard, Nana, and cat, Pickles!

Project Overview

The project I chose is the reservation system which allows registered users to set reservations for grooming, boarding, and day care for their furry family. They have the option to register themselves as the owners, their pets individually and set reservations at the two locations that are available.

Project Requirements

There were some specific requirements for this final project. For the reservation system I needed to make sure I included:

- There needed to be multiple roles for this project:
    - Administration
    - Employee
    - Owner
- Each role needed to have its own capabilities:
    - Admin – View of all reservations and functionality throughout the site
    - Employees – The ability to view all reservations and to add/update notes
    - Owner – Access to all their own functionality such as their own account, pets accounts, their reservations and the ability to manipulate the data we have within the site related to their registration. This included photo upload.
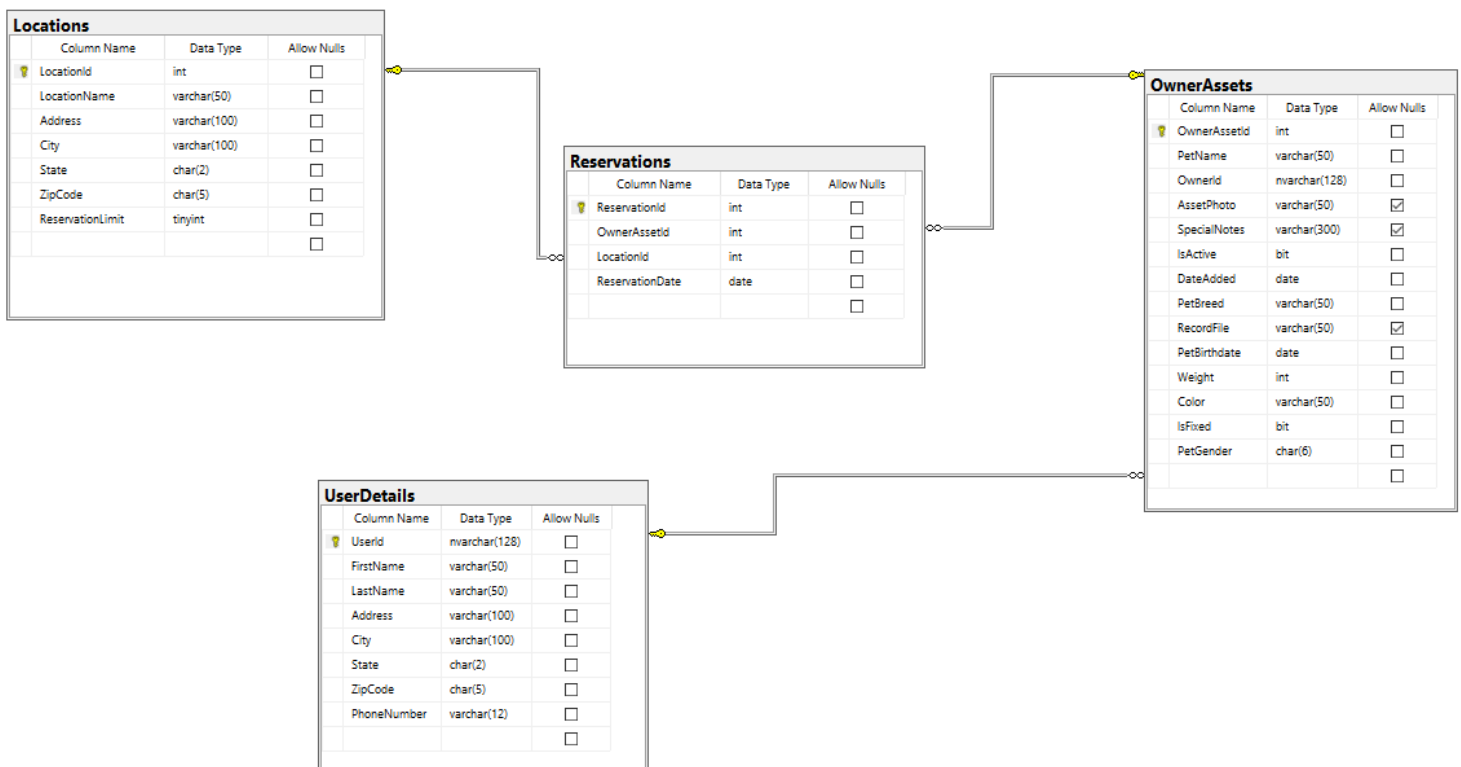
Development Languages/Tools Used

HTML | CSS | Asp.Net | ASP.Net Identity | JavaScript | jQuery |
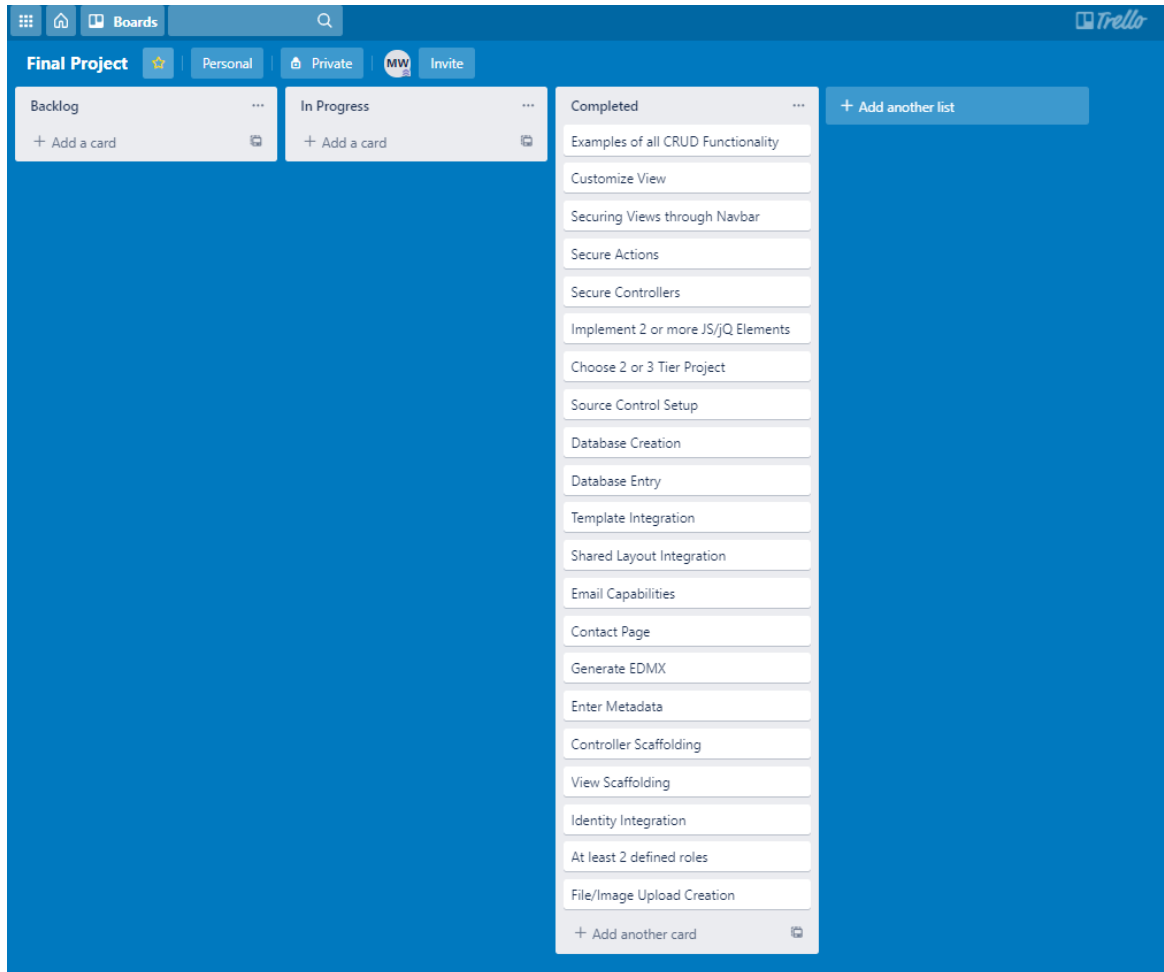
Razor/C# | MVC Framework | ADO.Net Entity Framework

Visual Studio 2017 | Microsoft SQL Server Management Studio 2017 |

Trello.com | Creately.com

DATABASE SCHEMA

Locations

Column Name	Data Type	Allow Nulls
LocationId	int	☐
LocationName	varchar(50)	☐
Address	varchar(100)	☐
City	varchar(100)	☐
State	char(2)	☐
ZipCode	char(5)	☐
ReservationLimit	tinyint	☐
		☐

Reservations

Column Name	Data Type	Allow Nulls
ReservationId	int	☐
OwnerAssetId	int	☐
LocationId	int	☐
ReservationDate	date	☐
		☐

OwnerAssets

Column Name	Data Type	Allow Nulls
OwnerAssetId	int	☐
PetName	varchar(50)	☐
OwnerId	nvarchar(128)	☐
AssetPhoto	varchar(50)	☑
SpecialNotes	varchar(300)	☑
IsActive	bit	☐
DateAdded	date	☐
PetBreed	varchar(50)	☐
RecordFile	varchar(50)	☑
PetBirthdate	date	☐
Weight	int	☐
Color	varchar(50)	☐
IsFixed	bit	☐
PetGender	char(6)	☐
		☐

UserDetails

Column Name	Data Type	Allow Nulls
UserId	nvarchar(128)	☐
FirstName	varchar(50)	☐
LastName	varchar(50)	☐
Address	varchar(100)	☐
City	varchar(100)	☐
State	char(2)	☐
ZipCode	char(5)	☐
PhoneNumber	varchar(12)	☐
		☐

Trello Board

Trello is an amazing tool for the workflow process. Throughout the rush of all going on there were many times where I felt like I was finished with my project. Being able to review the workflow that I set up on Trello allowed me to manage the work and verify that I was ready to present my final project. I ran into some instances where I has a broad item in Trello where I was able to go into the tag and add the steps needed to resolve that task.

Can/Cannot Do

There was a lot of success throughout this final project and I feel that Centriq did an amazing job of preparing us for the workforce with the vast knowledge obtained throughout the program

- o Can Do-
    - o Admin-
        - View all locations
        - View All reservations
        - Override reservation limit
        - All CRUD functionality for the company site
    - o Employee-
        - View everything on the company site
        - Add/Edit Notes
    - o Owner-
        - All CRUD functionality for their account
        - All CRUD functionality for the assets profile
        - Upload photos
        - Place reservations for their assets
        - View their own information regarding their own account
- o Cannot Do-
    - o Employee-
        - Does not have the ability to edit anything but notes
    - o Owner-
        - Cannot view any assets or reservations but their own

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SUMMARY OF QUALIFICATIONS
- Solid foundational knowledge of designing and developing full-stack web applications using .NET framework.
- Great active listening, critical thinking, and adaptability skills gained from 13 years in customer service.

TECHNICAL SKILLS
Front End: HTML5, JavaScript, jQuery, jQueryUI, CSS3, Responsive/Mobile Web Development, Bootstrap, ReactJS
Middle Tier: Visual Studio, C#.NET, ASP.NET, LINQ, MVC, EF
Back End: ADO.NET, SQL, SQL Server, SSMSE jQuery

INDEPENDENT DEVELOPMENT PROJECTS
- **Personal Site**: www.matthewwessley.com
- **StoreFront:** Created a secure application for managing product data. Application is built to simulate an online store front with a shopping cart. Administrators have the ability to manage product, category and vendor data.
- **S.A.T. Scheduling Administration Tool:** Created a secure application for managing product data. Application is built to simulate an online class scheduling system. Administrators will have the ability to manage students, courses, scheduled classes, and enrollments.
- **Final Project**: Created a secure data-driven ASP.NET MVC application from design through deployment for managing the tracking and organization of hardware and software within a company. Administrators have the ability to manage employee, department data and all details relating to assigned hardware and software.

TECHNICAL TRAINING AND EDUCATION
Centriq Training, Kansas City, MO   2020 – Present
Full-Stack Web Developer Program
  Core Competencies:
- MVC Framework
- Trouble Shooting & Debugging
- Source Control
- Agile/Scrum (Created Team Project)
- Website Deployment
- Pair Programming
- Code Review
- Professionalism, Teamwork, Problem Solving & Effective Communication.

Ottawa University, Overland Park, KS   Graduated 2019
Bachelor's Degree in Business Leadership and Communication

Metropolitan Community College – Longview, Lee's Summit, MO   Graduated 2016
Associates Degree in General Studies

PROFESSIONAL EXPERIENCE

Sprint PCS, Overland Park, KS   2020
Spectrum (Charter Communications), Overland Park, KS   2018
Verizon Wireless, Kansas City, MO   2017 – 2018
AT&T Wireless, Lee's Summit, MO   2012 – 2014
T-Mobile, Kansas City, MO   2007 – 2012
Sales Consultant
- Greeted customers and guided them through the sales process.
- Generated and recommend solutions for consumers and businesses.
- Communicate with team members and customers in a professional manner.
- Resolved billing, phone, tablet, and phone plan concerns as well as make recommendations that would benefit the customers' needs.

Self-Employed, Lee's Summit, MO   2019 – 2020
Lucky 5 Logistics, Shawnee, KS   2018 – 2019
Delivery Driver
- Loaded, transported, and delivered items to clients or businesses in a safe, timely manner.
- Reviewed orders before and after delivery to ensure that orders were complete, and the customer was satisfied.
- Provided excellent customer service, answered questions, and customer concerns

Kansas City Installers, Inc., Kansas City, MO   2018 – 2018
Commercial Furniture Installer
- Collaborated in a team environment to ensure the job was complete on time and in a professional manner.
- Installed furniture according to the instructions and the job order.

eSolutions, Overland Park, KS   2016 – 2017
Sales Client
- Managed leads while selling market-leading healthcare software over the phone and to businesses.
- Developed a good rapport with clients and resolved any potential concerns.
- Reached out to customer leads through cold calling.

Drivetime Automotive Group, Kansas City, MO   2016 – 2016
Sales Advisor
- Contacted customers in a timely manner and to explain the various services the company could provide.
- Provided excellent customer service over the phone and in person.

This, That & the Other Thrift Store, Independence, MO   2014 – 2016
Co-Owner and Operator
- Opened and closed the store daily.
- Organized all inventory checks, pricing all products, and making sure the store was fully stocked.
- Assisted customers in locating products and provided excellent customer service.