# FULL STACK WEB DEVELOPER

October 28, 2019-February 21, 2020

## Haley Cramer-Clip & Fluff

A full stack reservation Application using MVC, C#, HTML, CSS, JavaScript, jQuery, SQL, LINQ, Bootstrap and more.

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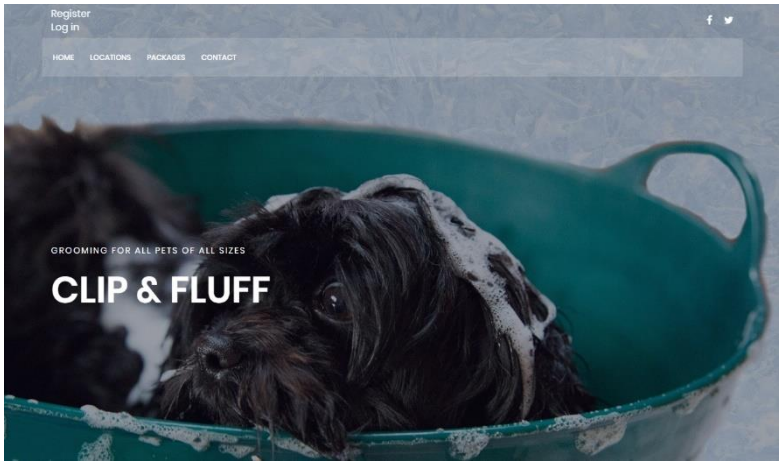
# Full Stack web developer

**HALEY CRAMER-CLIP & FLUFF**

## ABOUT ME

Hello, My name is Haley Cramer. I am a mother to an amazing four year little boy and a wife to the most supportive husband. We have a almost two year old Alaskan Malamute and a almost one year old cat. I love spending time with family and doing activities that we can take our dog along with us. I decided to switch career paths and enrolled in Centriq Training. Going through Centriq I have learned that I am a fast leaner and love developing even more. I have grown up with technology being from a family that has various members in various roles in the technology industry. I spent a year learning PL/SQL from my grandpa and fell in love with problem solving and creating thinking that coders have to do. This was what made me want to change career paths. I have enjoyed learning multiple languages and so much more. I have loved learning and doing front-end since I can use my creative/artistic side to accomplish a nice and professional looking UI. I have loved every minute at Centriq and am more then ready to take on the development world!

## About My Project




Clip & Fluff is a data-driven application where clients can register a new account, create a pet profile and then make an online reservation at any of the locations for their pet to get groomed at. They can also view the packages page and see all the up-front pricing we have for each package based on dog weight. I even have a cat package. I implemented CRUD functionality depending on the user's role.

**www.fsdp.cramercoding.com**

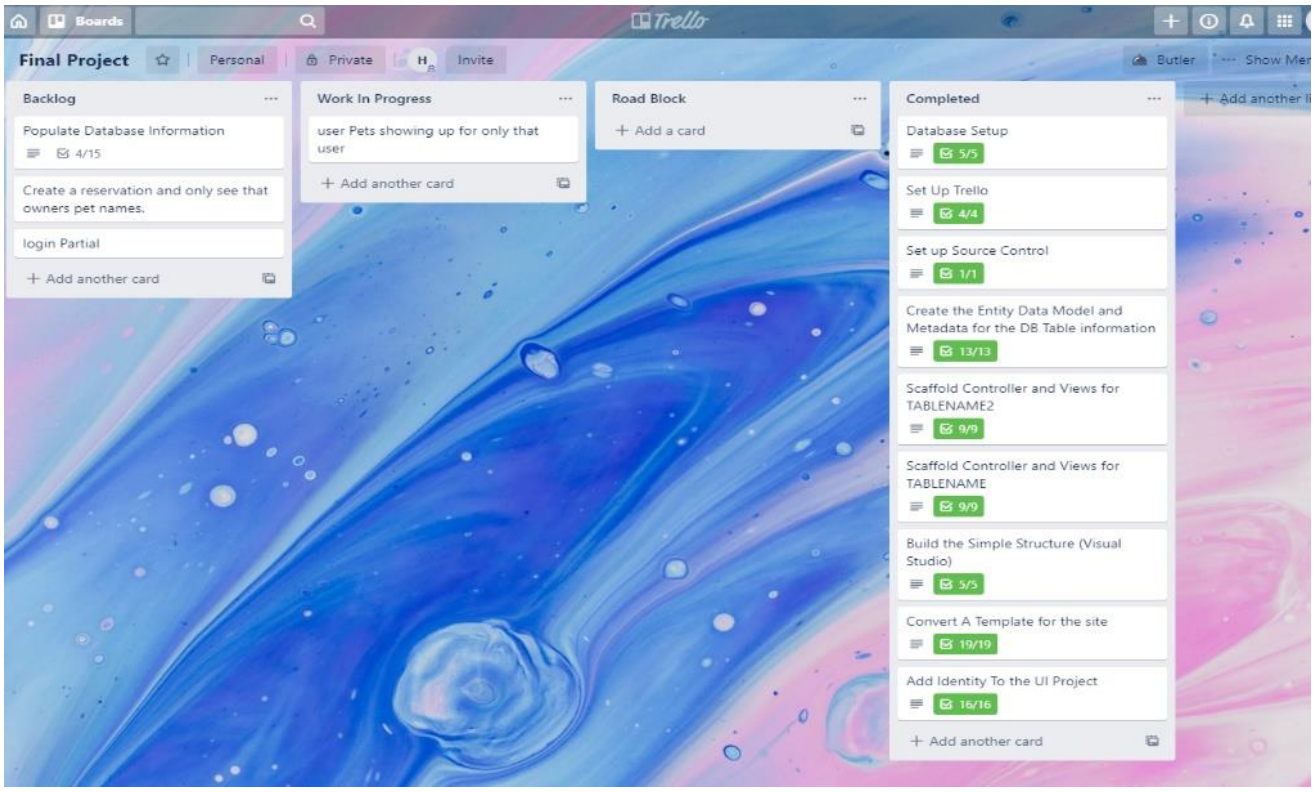
**Project Requirements**

- Create an application with CRUD functionality for 3 roles (Administration, Employee, Client)
- Implement Identity, Image Upload, Contact Form, Date Picker, Reservation Limit for each location

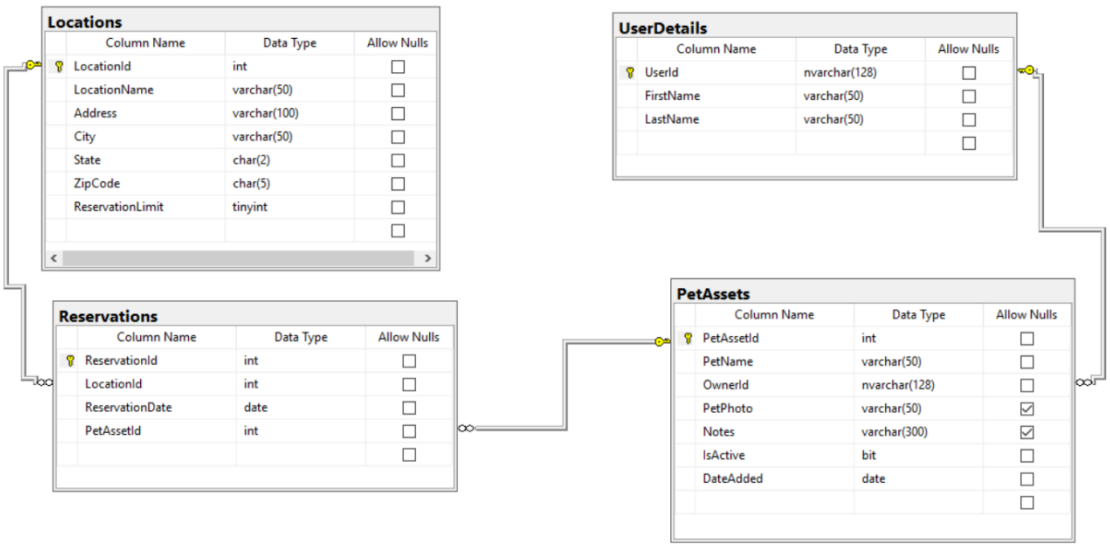
- Administration:
  - Owner of website
  - CRUD functionality for website
  - Receives contact form messages
  - Override reservation limit and place manual reservations
  - Can see all pet profiles and reservations
- Employee:
  - View all reservations
  - Add/Update notes for any pet
  - Can see all pet profiles and reservations
- Client
  - CRUD functionality for their pet profiles
  - Upload a photo
  - Only see their pet profiles and reservations for their pets
  - CRUD functionality for reservations for their pet(s)

**Agile/Scrum**

Used Trello board to keep organized along with morning stand ups.



## SQL Database Schema




## Use/Case Diagram

| | Use/Case | Controller/Actions | |
|---|---|---|---|
| | **Administrator** | **Employee** | **Client** |
| **Home** | | | |
| Index | x | x | x |
| Contact | x | x | x |
| Packages | x | x | x |
| | | | |
| **Locations** | | | |
| Index | x | x | x |
| Details | x | | |
| Create | x | | |
| Edit | x | | |
| Delete | x | | |
| | | | |
| **Pet Details** | | | |
| Index | x | x | x |
| Details | x | x | x |
| Create | x | | x |
| Edit | x | x | x |
| Delete | x | | x |
| | | | |
| **Reservations** | | | |
| Index | x | x | x |
| Details | x | | x |
| Create | x | | x |
| Edit | x | | x |
| Delete | x | | x |

# CODE SNIPPETS

```
if (ModelState.IsValid)
{
    string imagename = "noimage.png";
    if (petimage != null)
    {
        imagename = petimage.FileName;
        string ext = imagename.Substring
            (imagename.LastIndexOf("."));
        string[] goodExts = { ".jpg", ".jpeg", ".png", ".gif" };
        if (goodExts.Contains(ext.ToLower()))
        {
            petimage.SaveAs(Server.MapPath("~/Content/img/
         PetAssetsPics/" + imagename));

        }
        else
        {
            imagename = "noimage.png";
        }
    }
    petAsset.PetPhoto = imagename;
    petAsset.OwnerId = User.Identity.GetUserId();
    petAsset.DateAdded = DateTime.Now;
    db.PetAssets.Add(petAsset);
    db.SaveChanges();
    return RedirectToAction("Index");
}

return View(petAsset);
```

## Upload Image

Client can upload and edit their pet's photo

```
if (User.IsInRole("Admin") || User.IsInRole("Employee"))
{
    var reservations = db.Reservations.Include(r =>
      r.Location).Include(r => r.PetAsset);
    return View(reservations.ToList());
}

else
{
    string currentUser = User.Identity.GetUserId();
    var reservations = db.Reservations.Where(pa => pa.PetAsset.OwnerId
       == currentUser);
    return View(reservations.ToList());
}
```

## Use of IF statements

Administration and Employees can see all reservations for all pets. Clients can only see their reservations for their pets

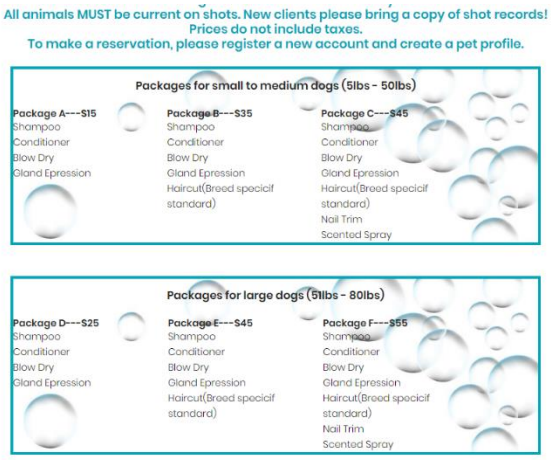
```
if (ModelState.IsValid)
{
    var loc = db.Locations.Where(x => x.LocationId ==
      reservation.LocationId).FirstOrDefault();
    int limit = loc.ReservationLimit;
    var dayDate = db.Reservations.Where(x => x.ReservationDate ==
      reservation.ReservationDate
    && x.LocationId == reservation.LocationId).Count();
    if (limit > dayDate)
    {
        db.Reservations.Add(reservation);
        db.SaveChanges();
        ViewBag.Message = null;
        return RedirectToAction("Index");

    }
    else
    {
        ViewBag.ErrorMessage = true;
        ViewBag.LocationId = new SelectList(db.Locations,
         "LocationId", "LocationName", reservation.LocationId);
        ViewBag.PetAssetId = new SelectList(db.PetAssets,
         "PetAssetId", "PetName", reservation.PetAssetId);
        return View(reservation);
    }
```

```
<script>
    $(function () {

        @if (ViewBag.ErrorMessage)
        {
        <text>
         alert("This date is full for this location. Please choose another
           date and(or) location.");

         </text>
        }
    });
```

## Custom pop-up Error Message

This is my code for jQuery pop-up error message for when a reservation limit has been reached at a certain location for a certain day.

# CODE SNIPPETS CONTINUED



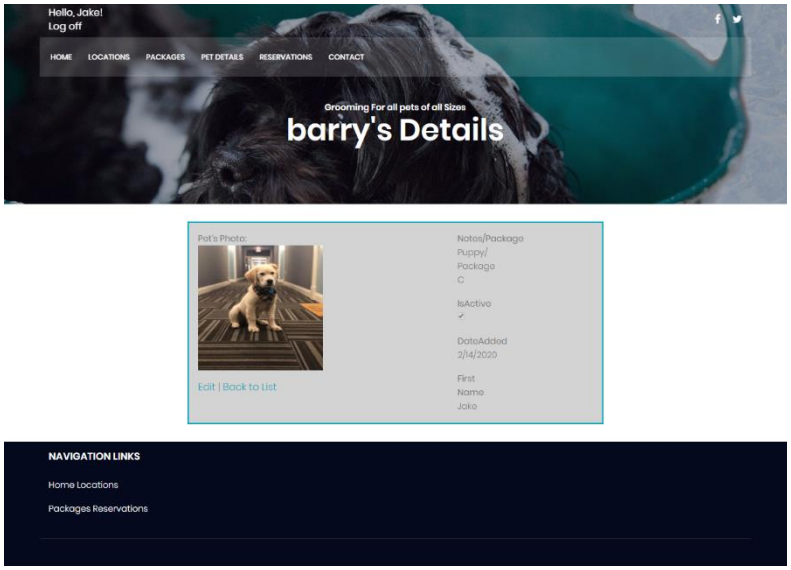

```
<section>
    <br />
    <div id="packages" class="container" style="border:solid #00a5b8
     4px;width:60%;margin:auto;padding-top:1em;">
       <div class="text-center"><h5>Packages for small to medium dogs (5lbs
         50lbs)</h5> <br /></div>
       <div class="row">

          <div class="row" style="color:black">
             <div class="col-lg-4">
                <div class="single-destination relative">
                   <div class="thumb relative">
                      <h6>Package A---$15</h6>
                      <ul>
                         <li>Shampoo</li>
                         <li>Conditioner</li>
                         <li>Blow Dry</li>
                         <li>Gland Epression</li>
                      </ul>
                   </div>
                </div>
             </div>
             <div class="col-lg-4"">
                <div class="single-destination relative">
                   <div class="thumb relative">
                      <h6>Package B---$35</h6>
                      <ul>
                         <li>Shampoo</li>
                         <li>Conditioner</li>
                         <li>Blow Dry</li>
                         <li>Gland Epression</li>
                         <li>Haircut(Breed specicif standard)</li>
                      </ul>
                   </div>
                </div>
             </div>
```

## Custom View

This is my custom code for my Packages view and what the UI looks like.

## Custom Styling

This is my custom code and styling that I did on the details view for the Pet Profiles.




```
<div class="container" style="padding-top:2em; padding-bottom:2em;">
    <div class="row" style="border:solid #00a5b8 2px;background-
     color:lightgray;width:60%;margin:auto;padding-top:1em;">
       <div class="col-md-4">
          <p>
             <strong>@Html.DisplayNameFor(model => model.PetPhoto): </
               strong><br />
             <img src="~/Content/img/PetAssetsPics/@Model.PetPhoto"
               style="width:200px;height:200px;" />
          </p>
          <p style="font-size:medium;">
             @Html.ActionLink("Edit", "Edit", new { id = Model.PetAssetId }) |
             @Html.ActionLink("Back to List", "Index")
          </p>
       </div>
       <div class="col-md-4" style="padding-left:15em;">
          <p>
             <strong>Notes/Package</strong>
             @Html.DisplayFor(model => model.Notes)
          </p>
          <p>
             <strong>@Html.DisplayNameFor(model => model.IsActive)</strong>
             @Html.DisplayFor(model => model.IsActive)
          </p>
          <p>
             <strong>@Html.DisplayNameFor(model => model.DateAdded)</strong>
             @Html.DisplayFor(model => model.DateAdded)
          </p>
          <p>
             <strong>@Html.DisplayNameFor(model => model.UserDetail.FirstName)
               </strong>
             @Html.DisplayFor(model => model.UserDetail.FirstName)
          </p>
       </div>
    </div>
</div>
```

# HALEY CRAMER

FULL-STACK DEVELOPER

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## SUMMARY OF QUALIFICATIONS

- Solid foundational knowledge of designing and developing full-stack web applications using .NET framework.
- Strong communication, teamwork, and time management from eight years of retail experience.

## 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:** http://www.cramercoding.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

**Centriq Training**, Kansas City, MO — October 2019 – 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.

## PROFESSIONAL EXPERIENCE

**ALLIED NATIONAL INC.**, SHAWNEE MISSION, KS April 2017 – October 2019

*Underwriting Technician / Client Service Specialist /Claims Technician*

- Prepared short-term insurance policy applications to be entered into the system.
- Assisted on various reports to make sure clients are matched to the correct policy or claim.
- Reviewed accounting, benefit, and premium files to ensure accuracy.
- Added and updated various providers information into the database system.

**LEE'S SUMMIT R-7**, Lee's Summit, MO June 2015 – Nov 2015

BASS(Before and After school services)

- Every Tuesday and Thursday would do a craft with the kids
- Oversee an area to make sure kids are playing safely and nicely
- Come up with activities to do indoors if going outside was not an option
- Go over emergency plans
- Make sure each area is clean and organized

**VICTORIA'S SECRET**, INDEPENDENCE, MO August 2011 – June 2015

*Sales Support Team*

- Greeted all customers and assisted with various customer wants or needs.
- Prepared the store and merchandise for purchase.
- Designed the space to make it visually pleasing to the customers.

**MACY'S**, LEE'S SUMMIT, MO August 2010 – July 2011

*Sales Associate*

- Organized all tables, displays, and stockroom to ensure cleanliness.
- Assisted customers in ordering goods over the phone and in person.
- Answered questions regarding Macy's and its merchandise.

**MOVIE GALLERY**, PLEASANT HILL, MO January 2010 – June 2010

*Sales Associate*

- Greeted customers and assisted with any questions or concerns about the merchandise.
- Helped restock shelves with returned movies and games.
- Counted registers when closing and made sure the deposit was ready for the morning deposit.

**GORDMAN'S**, KANSAS CITY, MO August 2009 – December 2010

*Cashier*

- Answered customers questions and provided answers about the store.
- Received and processed payments by cash, check, and credit card.