

# Porto Animal Shelter

Christina Rontell, Edgar Gomez, Adam Akers

## 1. Introduction

The website for Porto Animal Shelter (a fictional animal shelter) was built with Bootstrap 5.1; it is fully responsive in all viewport sizes. It includes several features of bootstrap including: grid, carousel, card, navbar, Font Awesome icons, collapse, modal, dropdown, sizing, button, gutter, and jumbotron (recreated for Bootstrap 5). Additionally, it features SCSS and custom Javascript.

- The Home page features a jumbotron (recreated for Bootstrap 5), navbar, and cards with images and overlays.
- The Adoptions page features a carousel with responsive indicators, and dropdown menu, cards with images, and buttons that bring up a HTML form in a modal.
- The Lost & Found page features two different modals with forms: one for claiming a lost pet, one for submitting information about a lost pet. It has a large “hero” at the top, and uses custom javascript to filter the cards on the page by animal species.
- The Resources & Services page features a carousel with responsive indicators, several image cards, and a container of collapsing content.

## 2. Design and Implementation

*Give a detailed description of the design and implementation of your project. In particular, this section should contain:*

- We met on Zoom and pieced together our wireframe using Draw.io, an open source software that can be stored in GitHub. One member picked out the color palette (from Colors.com) and created the logo images (from Canva.com) and added these to the GitHub repository for everyone to use and reference.
- Once the design was complete, we each picked a page of the website to start coding. We talked about consistency of formatting, and agreed to enclose each component of our pages in comments to make it clear to each other where different sections of the pages began and ended.
- We set up a repository in GitHub with an automated project board. We created issues to keep track of who was working on which tasks. To collaborate, we each created branches named after ourselves, worked on our individual pieces, and then met over Zoom to review our branches and discuss issues. Then, we would create pull requests and merge each of our branches into the main. We met and repeated this process four times.
- We conducted testing of the website
- We decided to use Bootstrap 5 to build our project website in order to challenge ourselves. This proved tricky, as the course curriculum taught Bootstrap 4.6. During

implementation, some version 4 components were used, causing errors; we worked together to fix this during bi-weekly testing. Additionally, the jumbotron, a component of Bootstrap 4, is not available in version 5, so we read the documentation about recreating deprecated version 4 components.

- We chose carousels and the “hero” to engage users with images of cute animals. We used the accordion to keep the Resources & Services page clean and concise; without the accordion, it would show a lot of text at once. We used modals for our HTML forms so that users wouldn’t need to navigate away from their current page to put in an adoption application or submit a lost animal.

### 3. Conclusions

- The most important lesson from this project was how to collaborate and use Git and GitHub as a team. We learned how to each create different branches, push those branches up and merge them into main. Solving conflict errors was a big part of making sure that we weren’t stepping on each other’s toes during the development process. We also found that we each brought different strengths to the project, which made it possible for us to do more than if we had done individual projects.
- The best features of our project are the use of carousels, modals and accordions. The page is fully responsive and able to be viewed on multiple devices. We worked hard to ensure that viewing and usability would be comfortable on a range of widths and devices.
- Looking back, I’m glad we ended up going with Bootstrap 5.1, however, this did cause a little bit of confusion initially. One thing that I do wish that we could change was to have a little bit more content. Some areas on the page feel a little bit sparse with text or photos.



Lorem ipsum dolor sit amet consectetur, adipisicing elit. Quisquam nihil at quaerat accusamus sunt vero ab aperiam ut, asperiores beatae..



Porto Animal Shelter

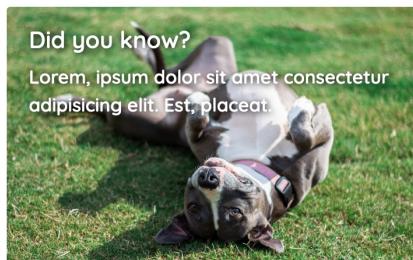
[Home](#) [Adoption](#) [Resources & Services](#) [Lost & Found](#)

## Where Friends Are Found

Lore ipsum dolor sit amet consectetur adipisicing elit. Saepe quasi doloremque nemo quisquam aspernatur officia. Unde eveniet perspiciatis velit aut dolore sapiente esse, fuga doloribus vero itaque voluptatem ullam autem.

[Adoptions](#)

[Lost & Found](#)



Did you know?

Lore ipsum dolor sit amet consectetur adipisicing elit. Est, placeat.



Did you know?

Lore ipsum dolor sit amet.



Did you know?

Lore ipsum dolor sit amet consectetur adipisicing elit. Nesciunt voluptates officia aperiam?



Did you know?

Lore ipsum dolor sit amet consectetur adipisicing elit. Nesciunt voluptates officia aperiam?



Porto Animal Shelter

123 Main St  
Anywhere, USA 12345  
[porto@email.com](mailto:porto@email.com)  
[1-234-5678](tel:12345678)



# ADOPTION EVENT

SATURDAY, MAY 27TH

10:00AM - 2:00PM



Search By Species



**Butler**

ID: 123456

**Gender:** Female

**Breed:** Cocker Spaniel / Mix

**Location:** Foster Home

**Weight:** 16.4 lbs

[Adopt](#)



**Malcolm**

ID: 123456

**Gender:** Female

**Breed:** French Bulldog / Mix

**Location:** Indoor Kennels

**Weight:** 12.9 lbs

[Adopt](#)



**Greg**

ID: 123456

**Gender:** Male

**Breed:** Basset Retriever / Mix

**Location:** Outdoor Kennels

**Weight:** 26.1 lbs

[Adopt](#)



**Jemma**

ID: 123456

**Gender:** Female

**Breed:** Jack Russell Terrier / Mix

**Location:** Indoor Kennels

**Weight:** 13.5 lbs

[Adopt](#)



**Tracey**

ID: 123456

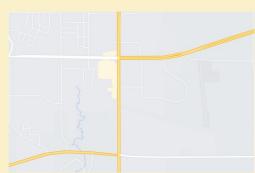
**Gender:** Female

**Breed:** Ragdoll/Mix

**Location:** Rock Rock West

**Weight:** 12.4 lbs

[Adopt](#)



Porto Animal Shelter

123 Main St

Anywhere, USA 12345

[porto@email.com](mailto:porto@email.com)

[1-234-5678](tel:1234-5678)



## Adoptables of the Week

Please help me find my forever family!  
Don't buy love, adopt it.



## Shelter Services



Animal Protection



Boarding Services



Basic Med Services

## Resources

### Pet Advice

Lore ipsum dolor, sit amet consectetur adipisicing elit. Nulla laudantium soluta animi magnam ipsa deleniti illum adipisci iusto, itaque qui fuga suscipit eligendi modi corporis recusandae quos, doloribus doloremque laboriosam omnis ullam blanditiis obcaecati esse. Persipiciatis ad fugit, sunt quidem suscipit minus beatae quasi sapiente explicabo tempore! Commodi, quas eius?

### Pet Training Resources

### Client Testimonials

## Online Services



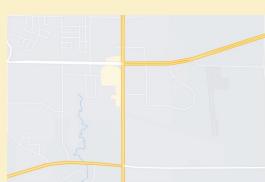
Forms



Prescription Refill Request

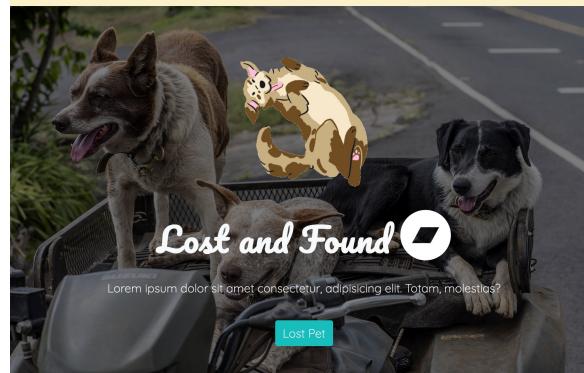


Payment Options



## Porto Animal Shelter

123 Main St  
Anywhere, USA 12345  
[porto@email.com](mailto:porto@email.com)  
[1-234-5678](tel:12345678)



All 



Chance

ID: 123456

Gender: Male

Breed: Husky

Location Found:  
Rockrimmon

Weight: 65.4 lbs

[Claim !\[\]\(d5d7044e5caf6907399af2dced8d6ff8\_img.jpg\)](#)

Shadow

ID: 654321

Gender: Male

Breed: Shepard/Mix

Location Found:  
Briargate

Weight: 73.2 lbs

[Claim !\[\]\(097cdd6c9c875b64d9b8c9a2409491c4\_img.jpg\)](#)

Hooch

ID: 755854

Gender: Male

Breed: Shih Tzu

Location Found:  
Pueblo

Weight: 6.2 lbs

[Claim !\[\]\(987606e59d5984b3118f78a58e78d0fb\_img.jpg\)](#)

Marley

ID: 938261

Gender: Male

Breed: French Bulldog

Location Found:  
Fountain

Weight: 18.4 lbs

[Claim !\[\]\(a1c316f9470c4156616ce6ee54e71d17\_img.jpg\)](#)

Hachi

ID: 736251

Gender: Female

Breed: Corgi

Location Found:  
Woodmen

Weight: 12.2 lbs

[Claim !\[\]\(302d376ca682a9d002cfb9754bf9833b\_img.jpg\)](#)

Lassie

ID: 748391

Gender: Female

Breed: Schnauzer

Location Found: UCCS

Weight: 15.4 lbs

[Claim !\[\]\(a1688c0101b75dbbc7e62028f9a52d21\_img.jpg\)](#)

Lady

ID: 987123

Gender: Female

Breed: French Bulldog

Location Found: Union

Weight: 18.0 lbs

[Claim !\[\]\(a3ba57519d54952de39c372b232d5b37\_img.jpg\)](#)

Buttercup

ID: 432897

Gender: Female

Breed: Wirehair

Location Found:  
Briargate

Weight: 12.4 lbs

[Claim !\[\]\(c60473559d18695c7809be8911652d55\_img.jpg\)](#)

Bigglesworth

ID: 103654

Gender: Female

Breed: Shorthair

Location Found: Ft.

Carson

Weight: 8.4 lbs

[Claim !\[\]\(6ed7480ec4aae8183865f8f14369a979\_img.jpg\)](#)

Sassy

ID: 532098

Gender: Female

Breed: Maine Coon

Location Found:

Broadmoor

Weight: 14.2 lbs

[Claim !\[\]\(be02db0b54f6569029d81ea6cf89c558\_img.jpg\)](#)

Keanu

ID: 903716

Gender: Male

Breed: Birman

Location Found: AFA

Weight: 60.4 lbs

[Claim !\[\]\(a7443478b1358b4f8ed146c60aed9b66\_img.jpg\)](#)

Goose

ID: 342718

Gender: Male

Breed: Bobtail

Location Found:

Monument

Weight: 6.8 lbs

[Claim !\[\]\(9942d6945468e61e7b1f245656a9868d\_img.jpg\)](#)

Nemo

ID: 907123

Gender: Male

Breed: Clown

Location Found: Sydney

Weight: < 0.2 lbs

[Claim !\[\]\(a80c022a7f1f9976382ac8647650f07e\_img.jpg\)](#)

Pinky

ID: 279092

Gender: Male

Breed: Teddy Guinea Pig

Location Found:

Briargate

Weight: 0.4 lbs

[Claim !\[\]\(9a56fcf86d23d0e50e87f9528e9ba22a\_img.jpg\)](#)

Tom

ID: 991872

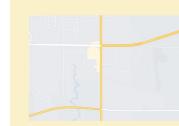
Gender: Male

Breed: Cuy Guinea Pig

Location Found:

Woodland Park

Weight: 0.8 lbs

[Claim !\[\]\(fc96f43f880a48b0a8ca6f996c6dc5b8\_img.jpg\)](#)

## Porto Animal Shelter

123 Main St

Anywhere, USA 12345

[porto@email.com](#)

1-234-5678