

Senior Project Final Presentation
Spring 2019

MIAMI-DADE COUNTY ANIMAL ABUSER REGISTRY v1.0

Team Members: Pablo Mueller, Eddy Mogollon
Product Owners: Jay Alvarez, Miami-Dade County ITD
Professor: Masoud Sadjadi

School of Computing and Information Sciences
Florida International University
April 18, 2019



intro.

what's happening in our community?



thousands of animals are abused each year.



no easy way to expose animal abusers.



criminals charged with animal cruelty potentially adopting new pets.

the solution: an animal abuser registry.



easy to use and navigate.



easy to find, filter, and sort criminal records.



coherent Miami-Dade County theme.



single-page design.



responsive design.



compliant to accessibility standards.

our contributions.

the design of the website.

□ a design aesthetic that follows Miami-Dade's theme.

Welcome to the new version of Miami-Dade County's website. We'd love your **feedback**.

EmployeesCalendarTranslate



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Sign In

[Home](#) > [Services & Information](#) > [Animals & Pets](#) > Animal Abuser Registry

Welcome to the Animal Abuser Registry

ANIMAL ABUSER REGISTRY

[Read the Statutes](#)

[Report Animal Cruelty](#)

[Download Data \(CSV\)](#)

[Search the Registry](#)



ANIMAL SERVICES
Alex Munoz, Director

Pet Adoption and Protection Center
3599 NW 79 Avenue, Doral, FL 33122
311 | pets@miamidadade.gov
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About This Registry

The Miami Dade County Animal Abuser Registry contains information on persons convicted with felony and misdemeanor animal abuse and cruelty offenses. It is for public access and awareness. Most importantly, the registry helps entities and individuals involved in the sale or adoption of animals identify offenders during the vetting process.

FILTERS

Search Services

Filtered by: **Name**Sort By: **Newest Record**

EXPAND/COLLAPSE ALLCards per Page: 10



REYES, JOSE CARTAYA

ADDRESS2978 SW 5TH ST, MIAMI, FL 331352845

DATE OF BIRTH1946-07-29

REGISTRY EXP DATE2024-10-11

CASE #PD131439327320

[SHOW MORE](#)[PRINT/SAVE AS PDF](#)



NUNEZ, JULIO

ADDRESS12811 SW 43RD DR 221A, MIAMI, FL 33175

DATE OF BIRTH1940-05-23

REGISTRY EXP DATE2022-12-17

CASE #PD151731315421

[SHOW MORE](#)[PRINT/SAVE AS PDF](#)



RODRIGUEZ-MONTEAGUDO, EDUARD GABRIEL

ADDRESS881 W 51ST PL, HIALEAH, FL 33012

components of the website.

- ❑ side-menu with several links.
- ❑ search/filter bar.
- ❑ sorting options.
- ❑ display options + pagination.
- ❑ expand/collapse all button.

ANIMAL ABUSER REGISTRY

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FILTERS ▼

Search Services 

Filtered by: **Name**

Sort By: **Newest Record** 

EXPAND/COLLAPSE ALL

Cards per Page: **10** 



DATE OF BIRTH	1993-02-01
REGISTRY EXP DATE	2023-06-27
CASE #	PD132859002662

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< 1 2 3 4 5 6 7 8 9 10 11 >

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the information card.

- ❑ an immediate way to see the most relevant information.
 - ❑ name.
 - ❑ address.
 - ❑ date of birth.
 - ❑ registry expiration date.
 - ❑ case number.
- ❑ expands to show additional data.



PIMIENTA, STEPHEN

ADDRESS	2828 NW 21ST CT, MIAMI, FL 331425980
DATE OF BIRTH	1990-01-01
REGISTRY EXP DATE	2022-11-13
CASE #	PD161431780848

SHOW MORE ▼

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responsive design.

- ❑ the animal abuser registry is responsive to different screen sizes.

- ❑ desktop (large).
- ❑ tablet (medium).
- ❑ phone (small).

additional features.

- ❑ download data as a CSV file.
- ❑ print/save any record as a PDF file.
- ❑ modal (alert) when leaving the site.

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FILTERS ▾

Search Services

Q

Filtered by:

Name

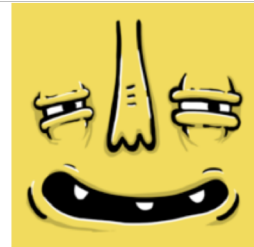
Sort By:

Newest Record

Cards per Page:

10

EXPAND/COLLAPSE ALL



REYES, JOSE CARTAYA

ADDRESS

2978 SW 5TH ST, MIAMI, FL
331352845

DATE OF BIRTH

1946-07-29

REGISTRY EXP DATE

2024-10-11

CASE #

PD131439327320

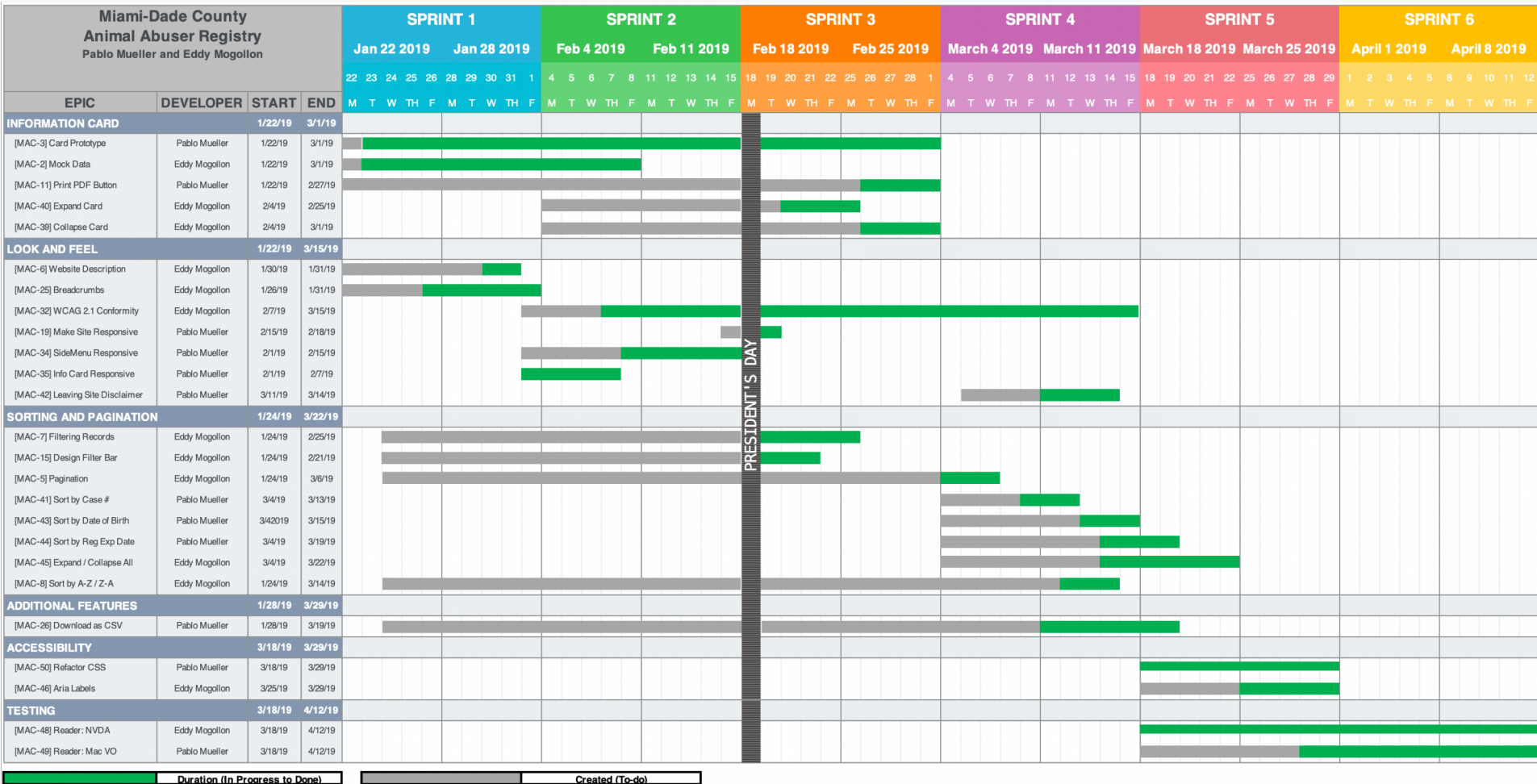
▼





project management.

our project schedule.

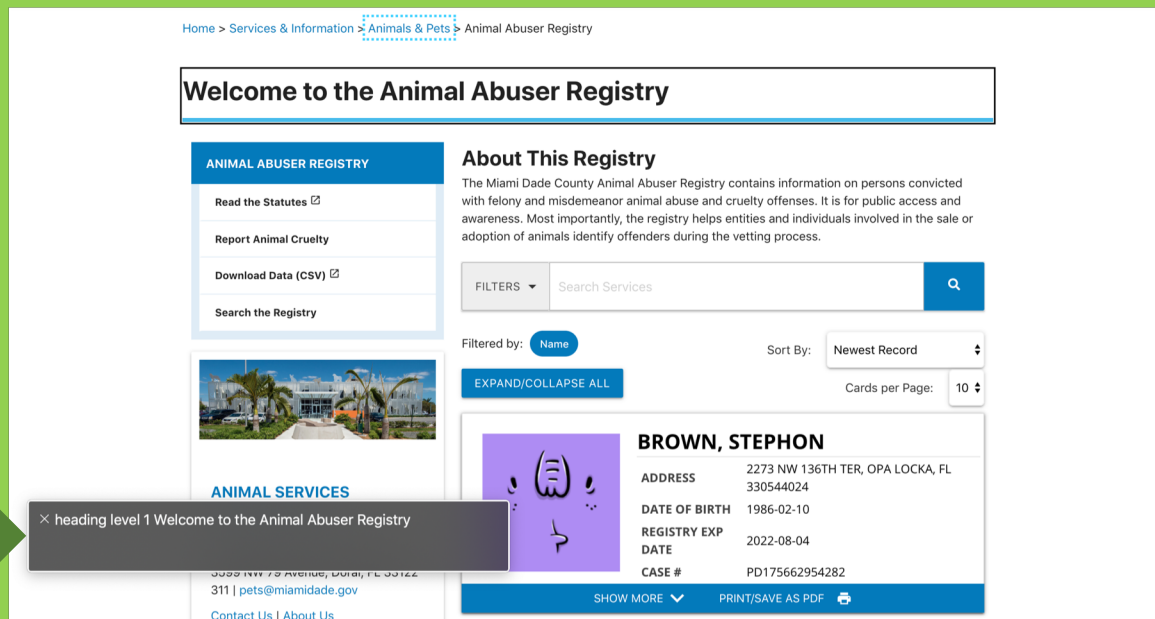


requirements.

[MAC-32] WCAG 2.1 conformity (web content accessibility guidelines)

“as a user with a disability, I would like the MAC site to conform to the WCAG 2.1 Guidelines so that I can navigate the website in different ways.”

- ❑ 100% minimum compliance with WCAG 2.1
- ❑ 75% above average compliance (AA or higher)



The screenshot shows the 'Animal Abuser Registry' page. A green arrow points to a tooltip that reads: 'X heading level 1 Welcome to the Animal Abuser Registry'. This indicates a WCAG 2.1 failure where the main heading is not at level 1.

Home > Services & Information > Animals & Pets > Animal Abuser Registry

Welcome to the Animal Abuser Registry

ANIMAL ABUSER REGISTRY

- Read the Statutes
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ANIMAL SERVICES

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FILTERS Search Services

Filtered by: **Name** Sort By: **Newest Record** Cards per Page: **10**

EXPAND/COLLAPSE ALL

BROWN, STEPHON

ADDRESS 2273 NW 136TH TER, OPA LOCKA, FL 330544024

DATE OF BIRTH 1986-02-10

REGISTRY EXP DATE 2022-08-04

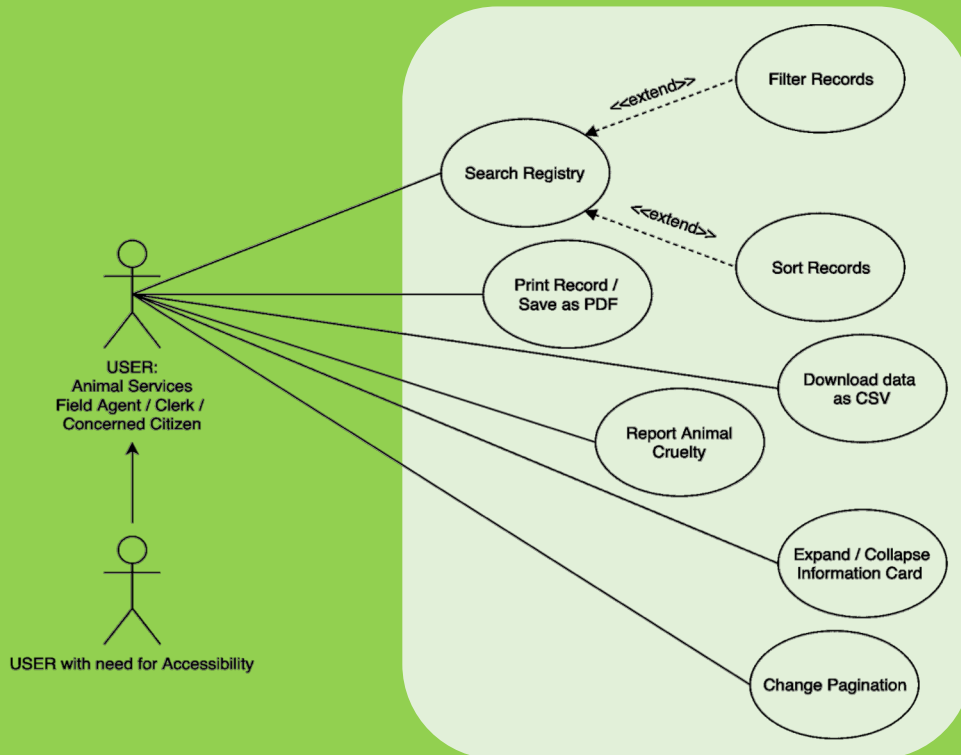
CASE # PD175662954282

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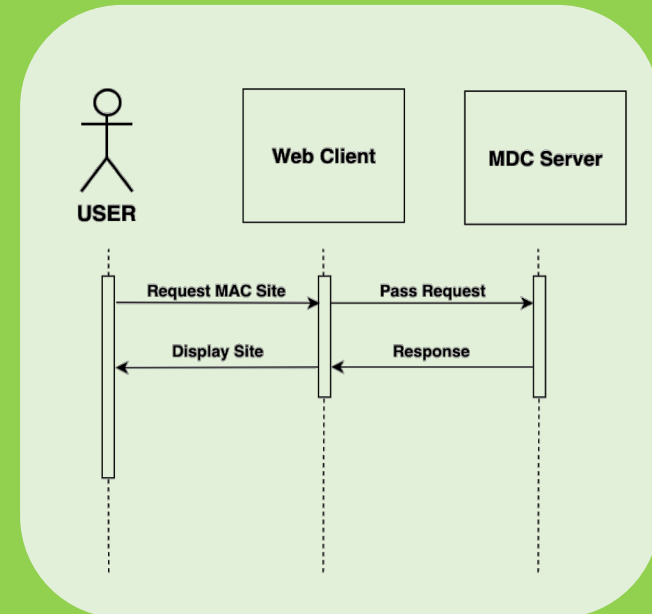
[MAC-32] WCAG 2.1 conformity

(web content accessibility guidelines)

Use Case



Sequence Diagram



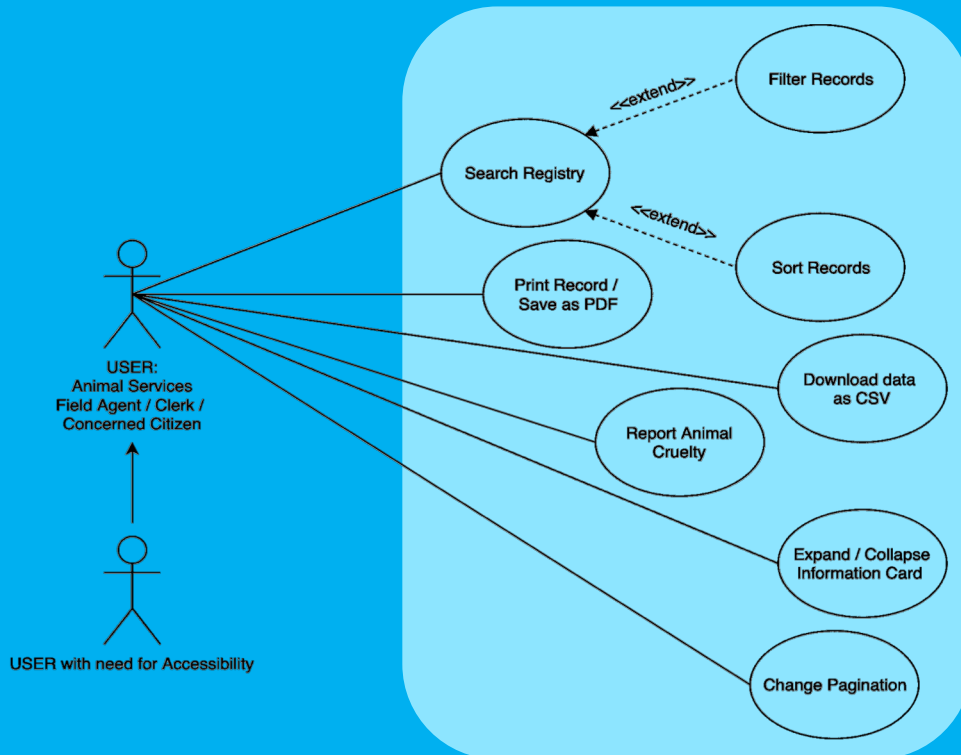
[MAC-19] make site responsive.

“as a user, I would want the website to be responsive so that I can navigate the site easily and at my convenience from any computer, mobile, or tablet device without suffering bad rendering.”

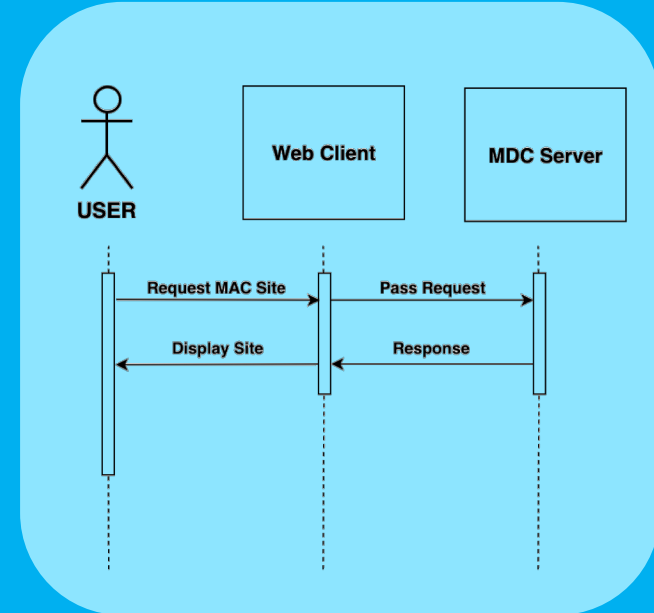
- ☐ website must be capable of being rendered in large (desktop), medium (tablet), and small (phone) devices.

[MAC-19] make site responsive.

Use Case



Sequence Diagram

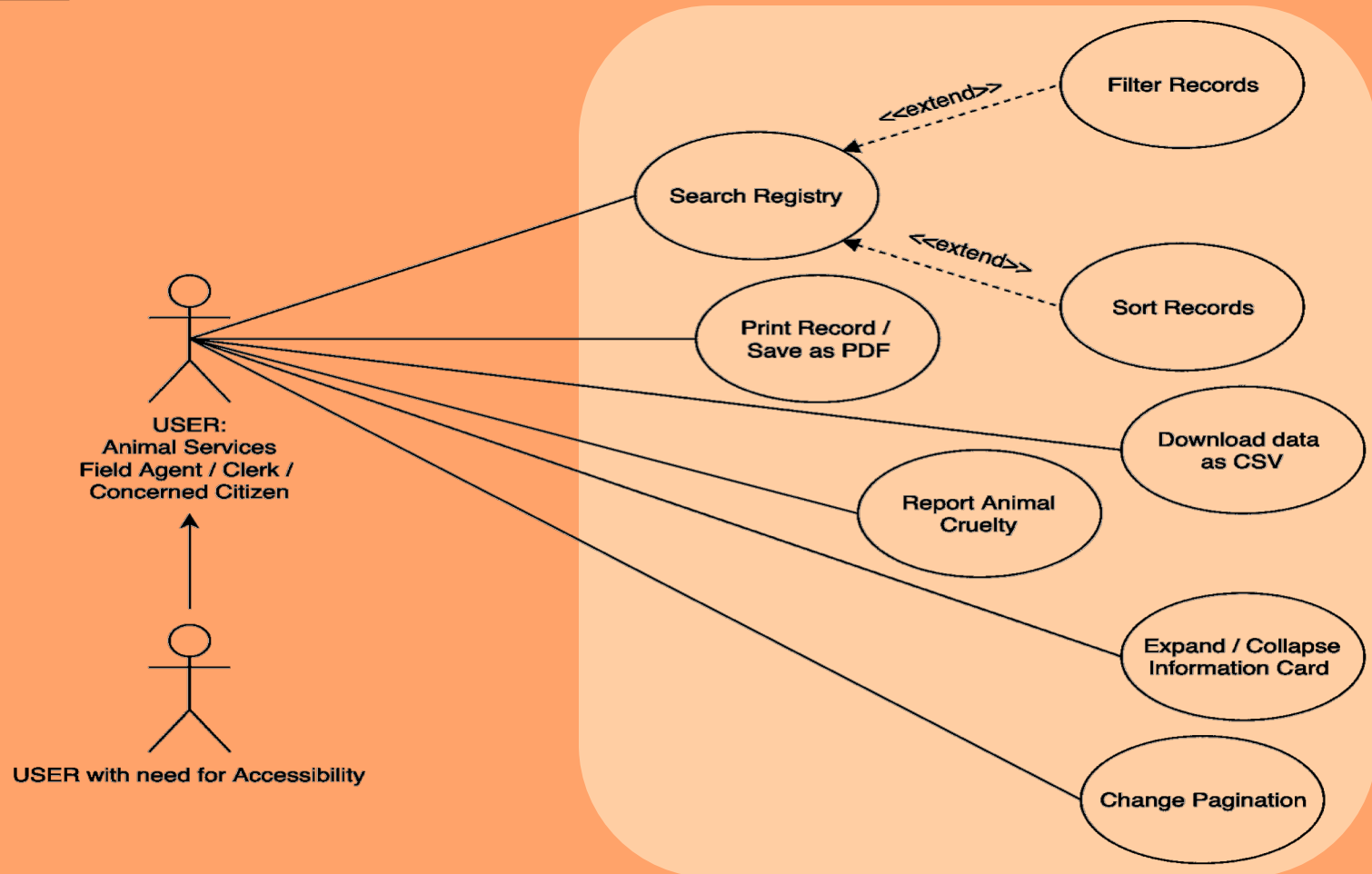


animal abuser registry: users.



concerned citizens wanted to report animal cruelty.

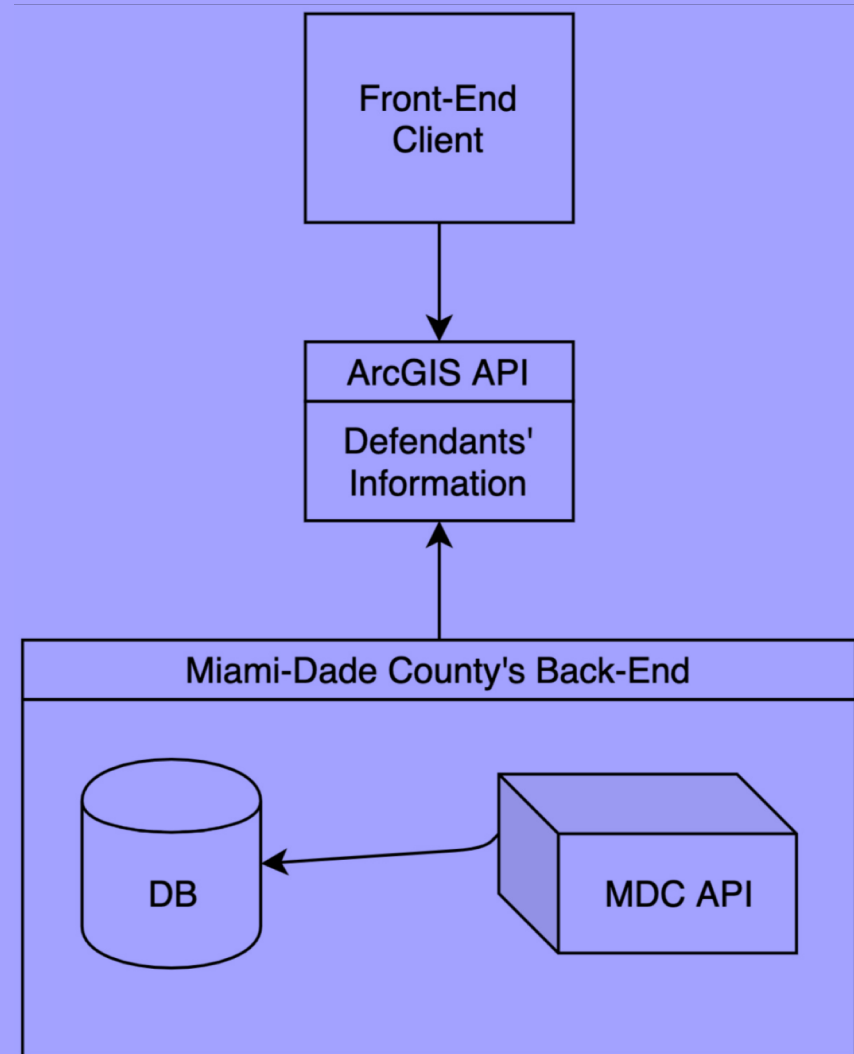
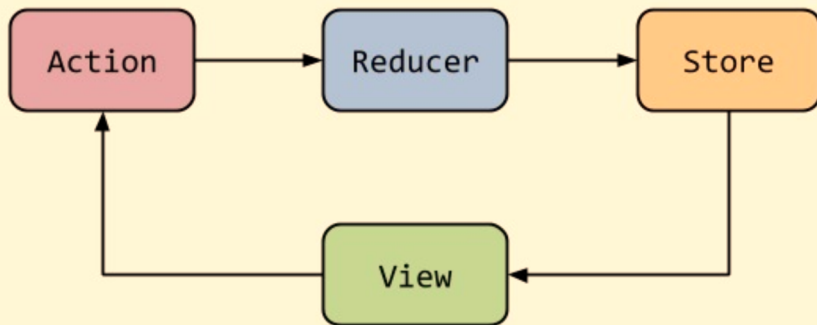
county employees/officials.



system design.

system design.

- ❑ Functional and stateful components
- ❑ Flux architecture using Redux
- ❑ Loosely-coupled system
- ❑ Composition of components
- ❑ Event-driven Architecture
- ❑ Interoperability

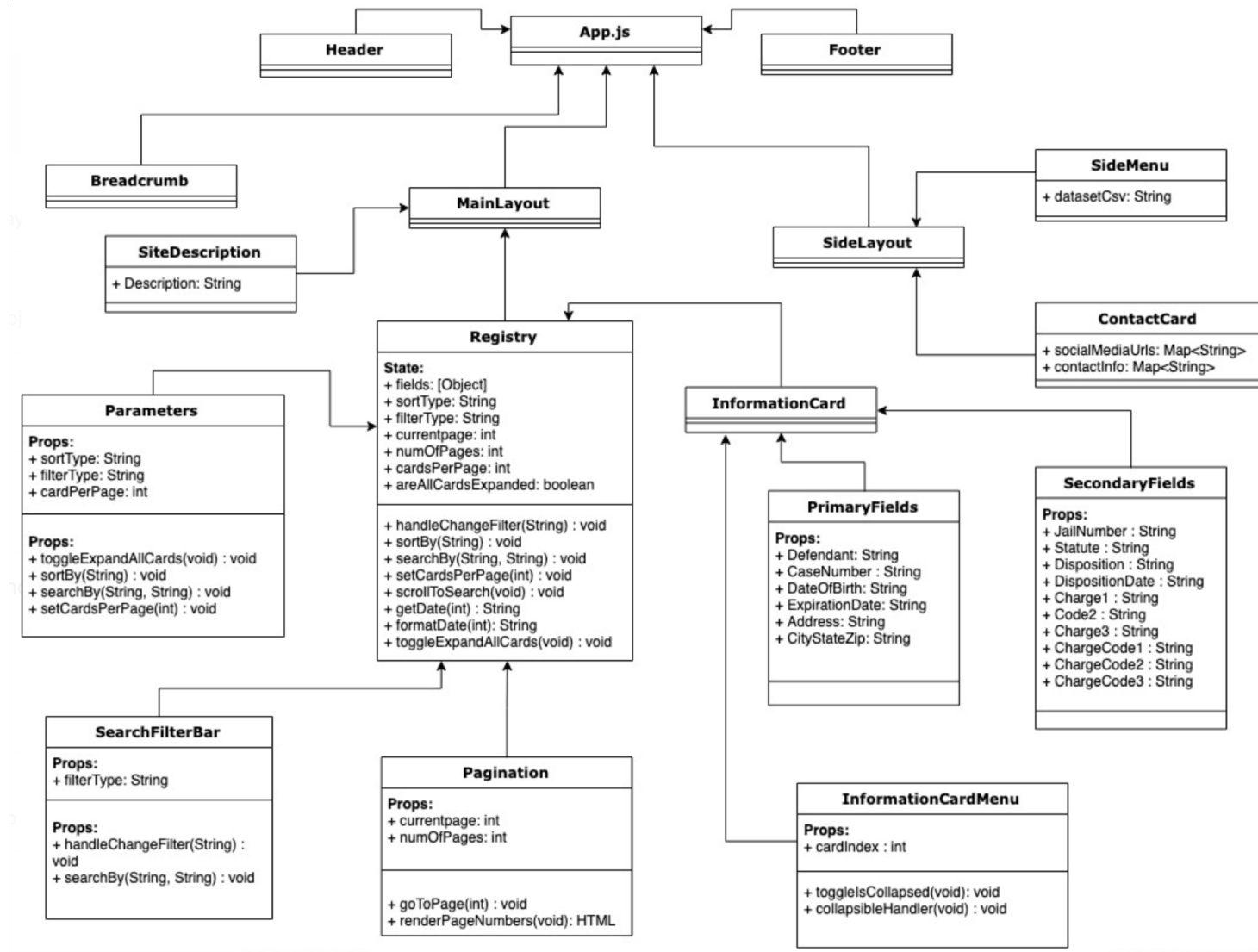


implementation.

- ❑ The front-end is built on React, JavaScript, HTML5 and CSS
- ❑ Node.js to execute the server
- ❑ MaterializeCSS front-end framework
- ❑ MDC's Open Data Hub as REST API
- ❑ Heroku for deployment



class diagram.



outro.

thank you! thank you! thank you!

we'd like to give a very special thank you to our fantastic product owners from Miami-Dade County!

- ❑ **Jay Alvarez**, Systems Support Manager
- ❑ **Daniel Stanisky**, Sr. Programmer
- ❑ **Javier Ruiz**, Sr. Web Publisher
- ❑ **Elio Perez**, Division Director

we also thank the Animal Services Dept for all their feedback, and everything they do for our furry and scaly friends!



who we are.

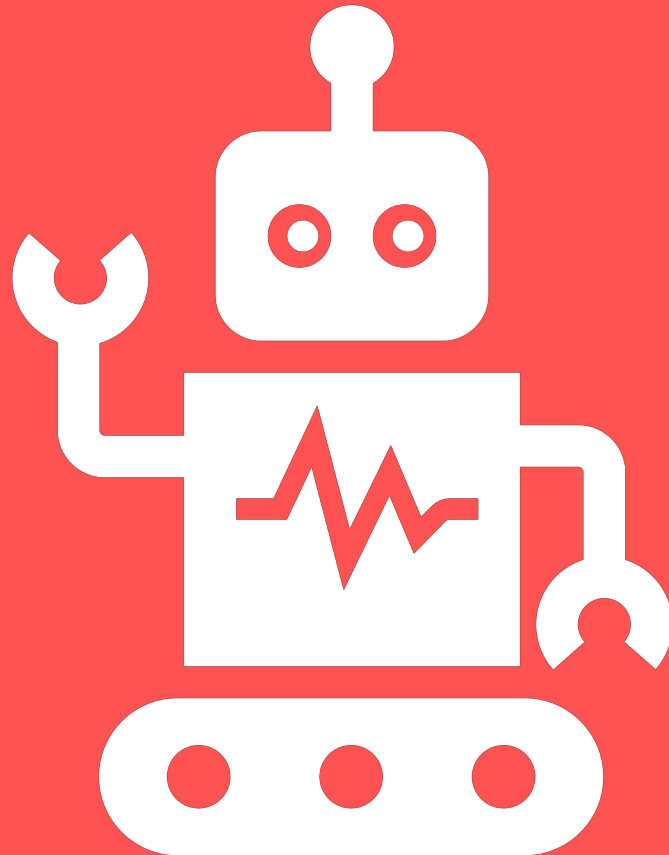
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eddy mogollon.
786.222.1668
eddymogs@gmail.com



questions?



c'est fini.