

PET SHELTER DATABASE

PORTFOLIO PROJECT FOR CS 340: INTRO TO DATABASES
OREGON STATE UNIVERSITY

PROJECT GROUP 10

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REACT APP URL: <http://flip3.engr.oregonstate.edu:9456/>
SERVER URL: <http://flip3.engr.oregonstate.edu:7456/>

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Executive Summary

Data is at the center of the modern world. Thus, the modern computer scientist, software engineer, and application developer must be comfortable with data and databases. This project builds knowledge of data and databases through the development and implementation of a relational database that uses a web-based interface. In particular, the competencies developed through this project were data design based in semantic design patterns and data normalization, data modeling using Entity-Relationship Diagrams and Database Schemas, data manipulation through the writing and processing of SQL queries, and data visualization and utilization in the creation of a user interface for database administration.

Titled *Pet Adoption Database*, this project progressed through four defining stages. Stage 1: Proposal, Database Diagramming, and Database Outlining. Stage 2: Data Normalization with sample data and the development of the database schema. Stage 3: Design of the user interface and writing of the sql queries for SELECT, INSERT, UPDATE, and DELETE operations. Stage 4: Development of server side code with CRUD routes that can receive and process UI requests. At each of these stages, the project was reviewed by peers and teaching assistants. It was refined based on their feedback and our growing knowledge of database theory and design.

This paragraph is a summary of the refinements made to the project as it progressed. Overall, development was organic and smooth. Adjustments were made at each stage but the underlying concept of a pet shelter database remained stable along with the entities and relationships that comprised it. However, three major adjustments, which occurred at an early stage, were (1) the implementation of a Adopter_Pets intersection table to simplify the AdoptionRequests 'mega-table' table from three to two non-category based foreign keys, (2) the changing of all category table primary keys from string-based codes to auto-incrementing, integers, and (3) the replacement of drop-off individual and their contact information with a generalized intake details attribute to remove the transitive dependency created by these attributes. Other minor refinements included (1) updating sample data to reflect the changes made to the AdoptionRequests and Intakes tables, (2) updating the HTML code and JavaScript functions to better reflect the final design and functionality of the product, and (3) updating the SQL data manipulation queries to retrieve the actual information to be displayed and manipulated.

What follows is the Project Overview, Database Outline, Entity-Relationship Diagram, Database Schema, Sample Data, and Screen Captures of each of the UI pages of the database. Additionally included in the zip file are the Data Definition Queries, Data Manipulation Queries, and all source code for the UI. The react app is hosted at <http://flip3.engr.oregonstate.edu:9456/> and the server file is hosted at <http://flip3.engr.oregonstate.edu:7456/>. Please remember to login to the Oregon State University VPN before deploying the links. In phpmyadmin, please make sure to select a database before importing the pet_shelter_DDL.sql file. In the command-line interface, please make sure to select a database first by using the USE statement before entering the *source* command with the pet_shelter_DDL.sql file.

Project Overview

Pet adoption facilities manage the intake, care, and adoption of homeless animals within their geographic location. Our adoption facility will be located in a mid-sized suburban area. It will focus on only two species of domestic animal: dogs and cats. Only dogs and cats will be accepted.

Approximately 3,000 pets are expected to pass through our adoption site annually. These pets can range in age from puppy/kitten to senior. They will be cared for by a team of about 20 paid employees and a variable number of regular and intermittent volunteers. Together, employees and volunteers make up the approved personnel of our facility.

Our adoption site serves pets, current pet owners, future pet owners, and the city's animal services. We take in pets that are in need of a new home and connect each pet with a potential adopter. A database driven website will help facilitate the complex operations and relationships involved in intake and adoption. Namely, it will record *Intakes of Pets* by *Personnel* and *AdoptionRequests of Pets* by *Adopters* overseen by *Personnel*.

Database Outline

■ **Pets** : records the details of Pets taken into the shelter

Attributes

- pet_id: int, auto_increment, unique, not NULL, PK
- species: varchar, value set: {'dog', 'cat'}, not NULL
- name: varchar, not NULL
- breed: varchar, not NULL
- age: decimal (19, 2), not NULL
- gender: varchar, value set: {'M' = male, 'F' = female}, not NULL
- weight: decimal(19, 2), not NULL, units: lbs
- coat_color: varchar, not NULL
- adoption_status: varchar, allow NULL, **FK from PetStatuses**
- adoption_fee_type: varchar, allow NULL, **FK from AdoptionFeeCodes**

Relationships

- 1:M relationship between Pets and Intakes is implemented with pet_id as a FK inside of Intakes
- 1:M relationship between Pets and AdoptionRequests is implemented with pet_id as a FK inside of AdoptionRequests
- M:M relationship between Pets and Adopters is implemented with pet_id and adopter_id as FKs inside AdoptionRequests as the intersection table
- M:M relationship between Pets and Personnel is implemented with pet_id and personnel_id as FKs inside *AdoptionRequests* as the intersection table

- M:M relationship between Pets and Personnel is implemented with pet_id and personnel_id as FKs inside *Intakes* as the intersection table
- 1:M relationship between PetStatuses and Pets is implemented with adoption_status as a FK inside of Pets
- 1:M relationship between AdoptionFeeCodes and Pets is implemented with adoption_fee as a FK inside of Pets

■ **Adopters:** records details of people who make requests to adopt pets from shelter

Attributes

- adopter_id: int, auto_increment, unique, not NULL, PK
- first_name: varchar, not NULL
- last_name: varchar, not NULL
- address: varchar, not NULL
- phone_number: varchar(15), not NULL
- email: varchar, not NULL
- birth_date: date, not NULL

Relationships

- 1:M relationship between Adopters and AdoptionRequests is implemented with adopter_id as a FK inside of AdoptionRequests
- M:M relationship between Pets and Adopters is implemented with pet_id and adopter_id as FKs inside AdoptionRequests as the intersection table
- M:M relationship between Personnel and Adopters is implemented with personnel_id and adopter_id as FKs inside AdoptionRequests as the intersection table

■ **Intakes:** records the details of an event where an animal is taken into the shelter

Attributes

- intake_id: int, auto_increment, unique, not NULL, PK
- pet_id: int, allow Null, **FK from Pets table**
- intake_date: date, not NULL
- processor: int, allow NULL, **FK personnel_id from Personnel table**
- drop_off_type: varchar, value set: {'owner surrender', 'stray' }, not Null
- intake_details: varchar, allow NULL

Relationships

- 1:M relationship between Pets and Intakes is implemented with pet_id as a FK inside of Intakes
- 1:M relationship between Personnel and Intakes is implemented with processor as a FK inside of Intakes

■ **Adopters_Pets:** serves purely as an intersection table between Pets and Adopters.

Attributes

- adopter_pet_id: int, auto_increment, unique, not NULL, PK
- adopter_id: int, not NULL, **FK from Adopters table**
- pet_id: int, not NULL, **FK from Pets table**

- Relationships*
- 1:M relationship between Pets and AdoptionRequests is implemented with pet_id as a FK inside of AdoptionRequests
 - 1:M relationship between Adopters and AdoptionRequests is implemented with adopter_id as a FK inside of AdoptionRequests
 - 1:M relationship between AdoptionRequestStatusCodes and AdoptionRequests is implemented with application_status as a FK inside of AdoptionRequests
 - A 1:1 relationship between AdoptionRequests and Adopters_Pets implemented with adopter_pet_id as FK in AdoptionRequests. (Enforced by UNIQUE constraint on adopter_pet_id in AdoptionRequests)

- **AdoptionRequests:** records the details of the adoption request. Each AdoptionRequest is processed by someone from Personnel.

- Attributes*
- **adoption_request_id:** int, auto_increment, unique, not NULL, PK
 - **adopter_pet_id:** int, not NULL, UNIQUE, **FK from Adopters_Pets table**
 - **processor:** int, allow NULL, **FK personnel_id from Personnel table**
 - request_date: date, not NULL
 - application_status: varchar, allow NULL, **FK from AdoptionRequestStatusCodes**
 - amount_paid: decimal, allow NULL

- Relationships*
- A 1:M relationship between Personnel and AdoptionRequests implemented with processor (personnel_id) as FK in AdoptionRequests.
 - A 1:1 relationship between AdoptionRequests and Adopters_Pets implemented with adopter_pet_id as FK in AdoptionRequests. (Enforced by UNIQUE constraint on adopter_pet_id)

- **Personnel:** records the details of people who work for the adoption site

- Attributes*
- **personnel_id:** int, auto_increment, unique, not NULL, PK
 - **personnel_type:** int, allow NULL, **FK from PersonnelTypeCodes**
 - job_title: varchar, allow NULL
 - first_name: varchar, not NULL
 - last_name: varchar, not NULL
 - address: varchar, not NULL
 - phone_number: varchar(15), not NULL
 - email: varchar, not NULL
 - birth_date: date, not NULL

- Relationships*
- 1:M relationship between Personnel and Intakes is implemented with processor as a FK inside of Intakes
 - M:M relationship between Pets and Personnel is implemented with pet_id and personnel_id as FKs inside *AdoptionRequests* as the intersection table

- M:M relationship between Pets and Personnel is implemented with pet_id and personnel_id as FKs inside *Intakes* as the intersection table
- M:M relationship between Personnel and Adopters is implemented with personnel_id and adopter_id as FKs inside *AdoptionRequests* as the intersection table
- 1:M relationship between *PersonnelTypeCodes* and *Personnel* is implemented with personnel_type as a FK inside of *Personnel*

■ **AdoptionFeeCodes:** category table for codes related to adoption fees

- Attributes*
- adoption_fee_id: int, auto_increment, unique, not NULL, PK
 - code: varchar, value set: {"puppy", "kitten", "adult", "senior"}, not NULL, UNIQUE
 - fee: decimal(19,2), not NULL
- Relationships*
- 1:M relationship between *AdoptionFeeCodes* and *Pets* is implemented with adoption_fee_id as a FK inside of *Pets*

■ **AdoptionRequestStatusCodes:** category table for codes related to the status of the adoption request

- Attributes*
- adoption_request_status_id: int, auto_increment, unique, not NULL, PK
 - code: varchar, value set: {"A", "U", "D"}, not NULL, UNIQUE, PK
 - status: varchar, value set: {"Approved", "UnderReview", "Denied"}, not NULL, UNIQUE
- Relationships*
- 1:M relationship between *AdoptionRequestStatusCodes* and *AdoptionRequests* is implemented with adoption_request_status_id as a FK inside of *AdoptionRequests*

■ **PersonnelTypeCodes:** category table for codes related to a person's involvement with the shelter

- Attributes*
- personnel_type_id: int, auto_increment, unique, not NULL, PK
 - code: varchar, value set: {"EFT", "EPT", "VCT", "VDO", "VCD"}, not NULL, UNIQUE
 - personnel_type: varchar, value set: {"Employee Full-Time", "Employee Part-Time", "Volunteer-Cat", "Volunteer-Dog", "Volunteer-Both"}, not NULL, UNIQUE
- Relationships*
- 1:M relationship between *PersonnelTypeCodes* and *Personnel* is implemented with personnel_type_id as a FK inside of *Pets*

■ **PetStatuses:** category table for codes related to the status of a pet in the shelter

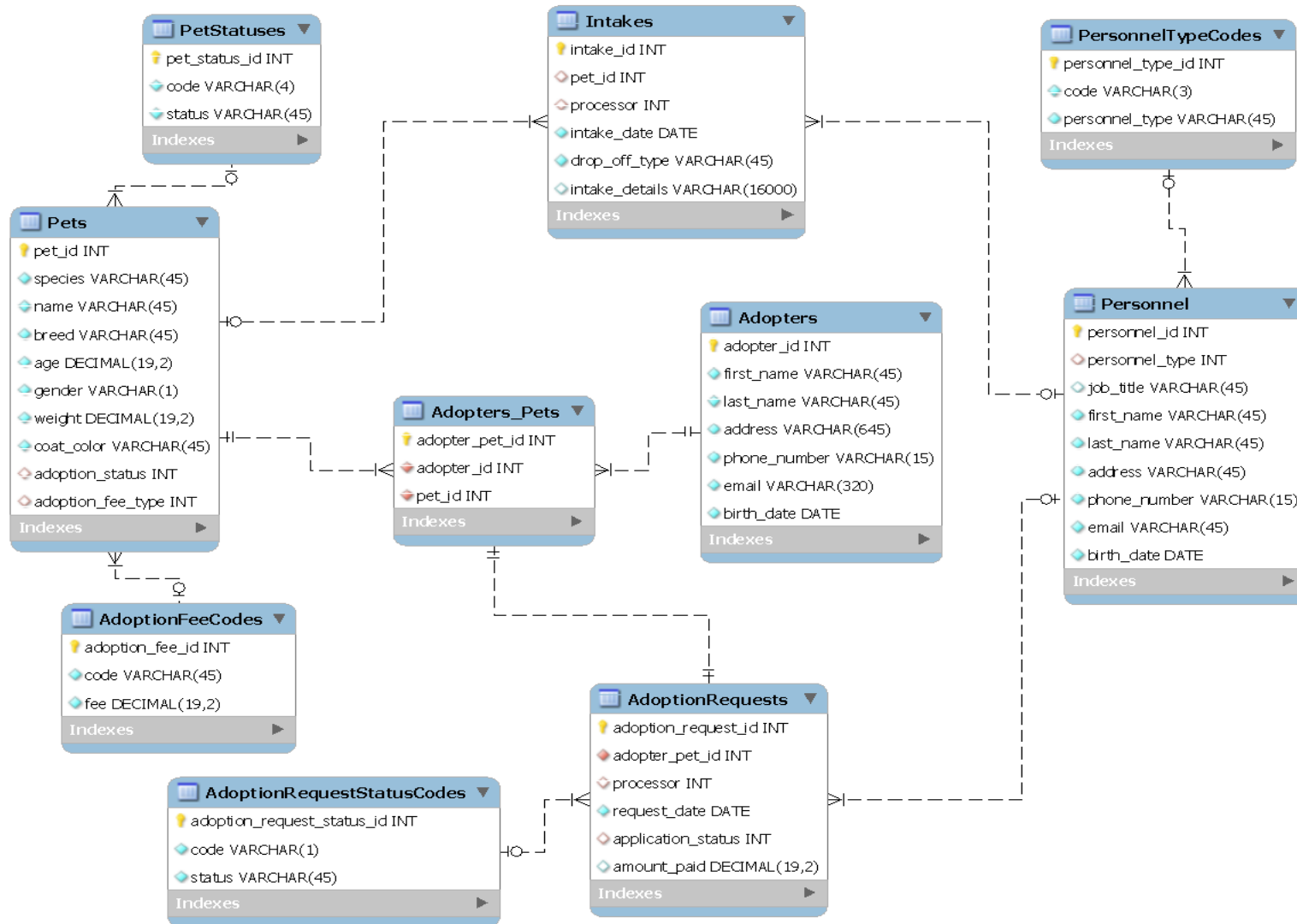
- Attributes*
- pet_status_id: int, auto_increment, unique, not NULL, PK

- code: varchar, value set: {"HOLD", "APRV", "ADPT"}, not NULL, UNIQUE
- status: varchar, value set: {"On Hold", "Approved For Adoption", "Adopted"}, not NULL, UNIQUE

Relationships

- 1:M relationship between PetStatuses and Pets is implemented with adoption_status (pet_status_id) as a FK inside of Pets

Entity-Relationship Diagram



Database Schema



Sample Data - Pets & Intakes

Pets									
pet_id	species	name	breed	age	gender	weight	coat_color	adoption_status	adoption_fee_type
1	dog	Cooper	labrador mix	4.33	M	77.19	chocolate	1	3
2	dog	Elsa	husky mix	0.16	F	8.75	black and white	3	1
3	dog	Stitch	chihuahua mix	8	M	19.75	tan	2	4
4	cat	Poppy	domestic shorthair mix	2	F	11	orange	2	3
5	cat	Hugh	domestic shorthair mix	0.25	M	2.19	black	3	2

Intakes					
intake_id	pet_id	intake_date	processor	drop_off_type	intake_details
1	4	2022-05-11	1	stray	Poppy was found under a bridge
2	1	2016-12-28	1	stray	Picked up by animal services
3	3	2009-05-17	2	owner surrender	Pet surrendered by Alice
4	2	2021-04-05	2	stray	NULL
5	5	2006-09-28	1	stray	Pet found on corner of bush and black

Sample Data - Personnel & Adopters

Personnel								
personnel_id	personnel_type	job_title	first_name	last_name	address	phone_number	email	birth_date
1	1	Animal Intakes Manager	Muriel	Rashn	778 Albany Circle, Arlington, NC, 28056	252-204-2115	murielr@email.com	1996-06-09
2	2	Front Desk Assistant	Marie	Cohnan	850 Mountain View Ct., Arlington, NC 28059	252-208-6330	cohnanm@email.com	2000-02-19
3	3	Null	Vanna	Tran	514 Gainsway St., Arlington, NC 28111	252-129-1292	tranv@email.com	2004-04-18
4	4	Null	Arthur	Brooks	484 Woodland Rd., Arlington, NC 28959	252-556-0695	brooksa@email.com	1995-05-30
5	5	Null	Bobby	Lee	393 Armstrong Rd., Arlington, NC 28056	252-583-2816	leeb@email.com	2001-11-23

Adopters						
adopter_id	first_name	last_name	address	phone_number	email	birth_date
1	Angela	Montez	2250 Molly St., San Francisco, CA 94115	482-593-2845	monteza@email.com	1994-11-28
2	Benjamin	Ling	526 Harvard Rd., Centreville, VA 20120	125-547-3876	lingb@email.com	1992-10-22
3	Sasha	Howard	5062 Garfield Street, Ephrata, PA 17522	656-235-8965	howards@email.com	1977-06-29
4	Tim	Smith	9950 Strawberry Ave., Coraopolis, MN 55104	693-097-2202	smitht@email.com	2002-04-16

Sample Data - Adopters_Pets, Adoption Requests, Category Tables

Adopters_Pets		
pet_adopter_id	adopter_id	pet_id
1	3	4
2	2	5
3	4	3
4	1	2

Adoption Requests						
adoption_id	adopter_id	pet_id	request_date	application_status	processor	amount_paid
1	3	4	2022-05-18	U	1	Null
2	2	5	2006-10-02	A	1	200.00
3	4	3	2009-05-29	D	2	Null
4	1	2	2021-04-09	A	2	250.00

Sample Data - Category Tables

Adoption Fee Codes		
adoption_fee_id	Code	Fee
1	puppy	250.00
2	kitten	200.00
3	adult	150.00
4	senior	100.00

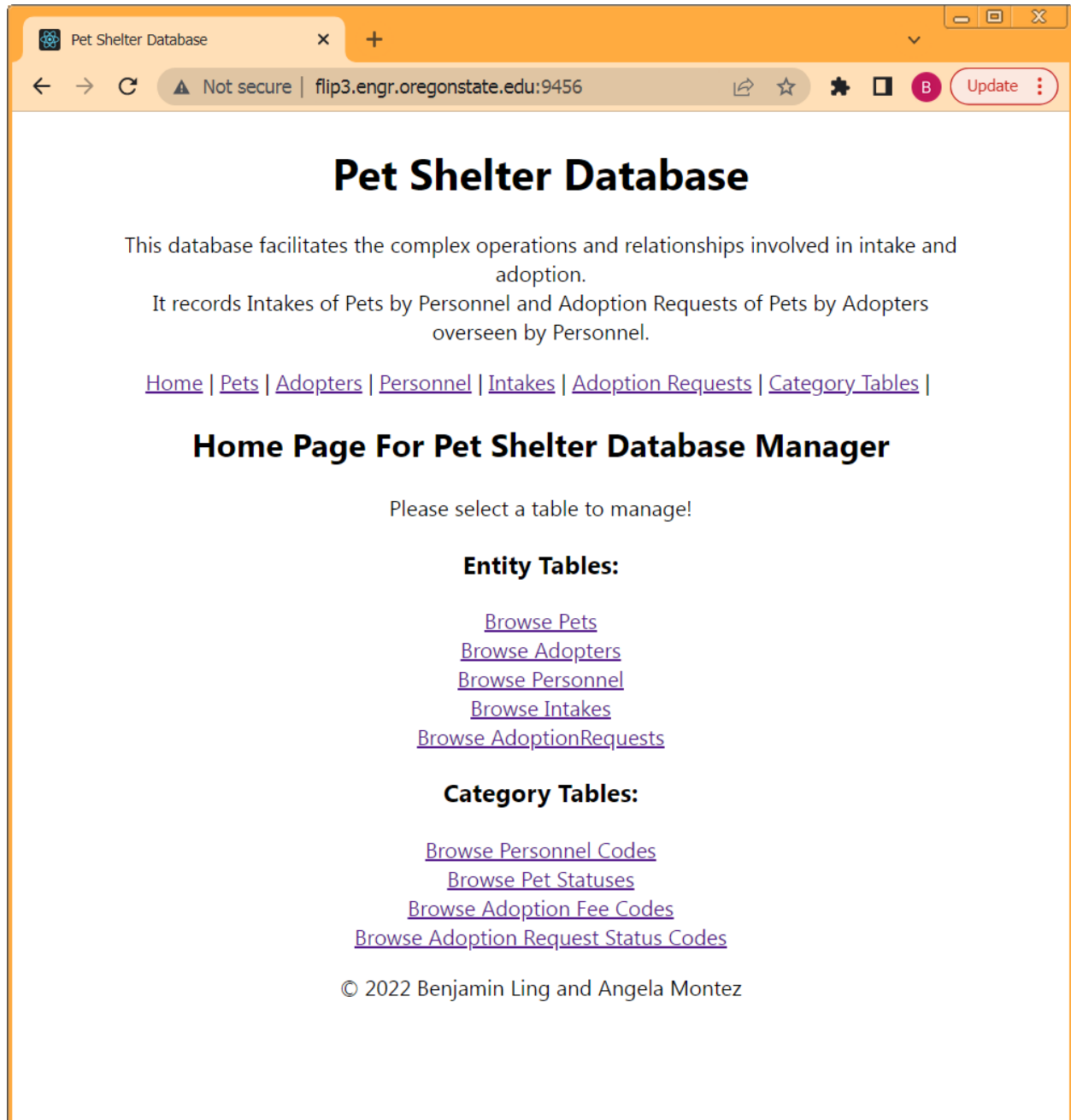
Adoption Request Status Codes		
adoption_request_status_id	Code	Status
1	A	Approved
2	U	Under Review
3	D	Denied

Personnel Type Codes		
personnel_type_id	code	personnel_type
2	EFT	Employee Full-Time
3	EPT	Employee Part-Time
4	VCT	Volunteer - Cats
5	VDO	Volunteer - Dogs
6	VCD	Volunteer - Both

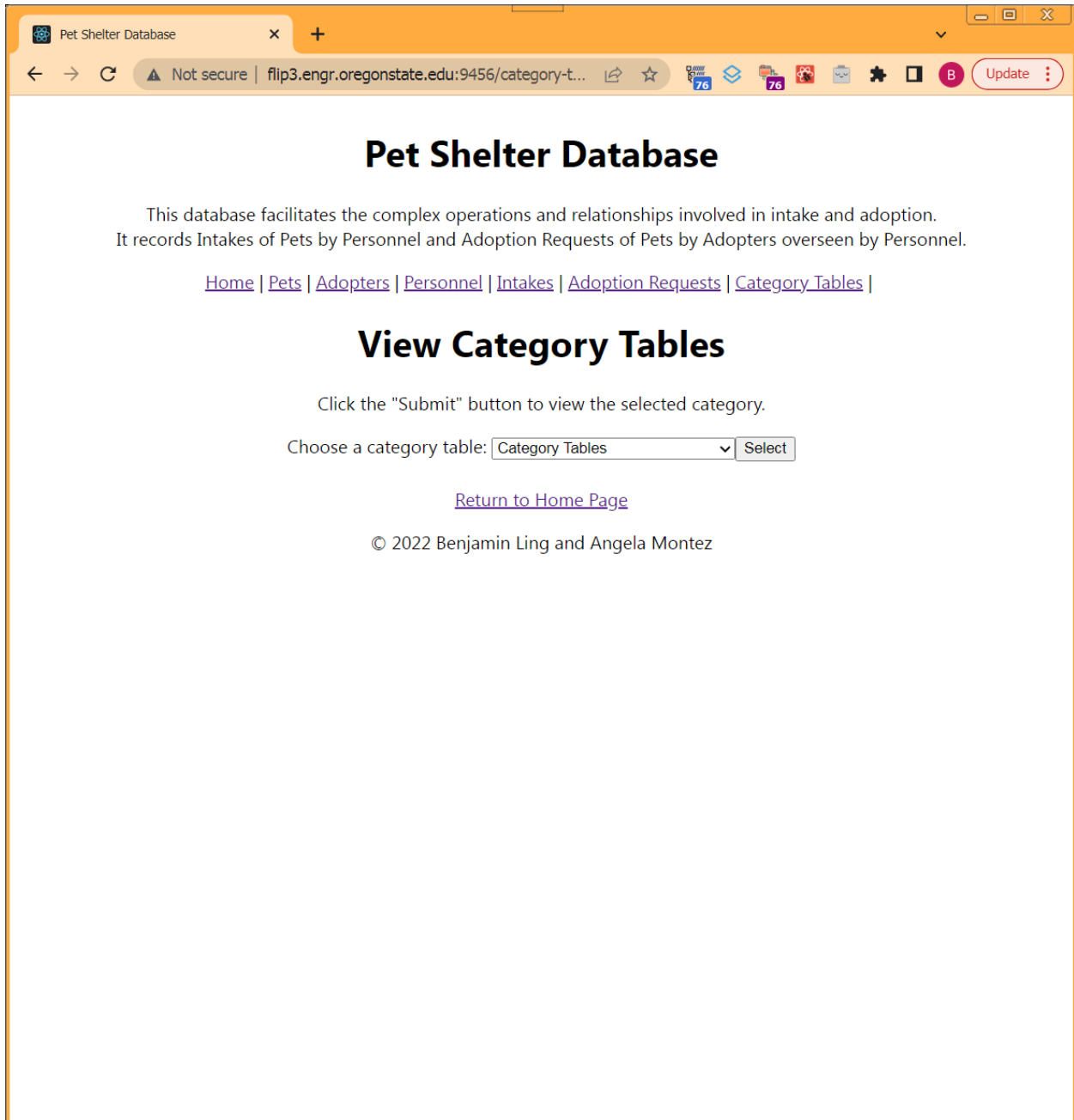
Pet Statuses		
pet_status_id	Code	Status
1	HOLD	On Hold
2	APRV	Approved for Adoption
3	ADPT	Adopted

Screenshots of User Interface

Home Page



View Category Tables page



The screenshot shows a web browser window with the title 'Pet Shelter Database'. The address bar shows the URL 'flip3.engr.oregonstate.edu:9456/category-t...'. The page content includes a title 'Pet Shelter Database', a description of the database's purpose, a navigation menu with links to 'Home', 'Pets', 'Adopters', 'Personnel', 'Intakes', 'Adoption Requests', and 'Category Tables'. Below this is a section titled 'View Category Tables' with instructions to click the 'Submit' button. A form element allows the user to 'Choose a category table:' with a dropdown menu showing 'Category Tables' and a 'Select' button. At the bottom, there is a link to 'Return to Home Page' and a copyright notice for 2022 Benjamin Ling and Angela Montez.

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

View Category Tables

Click the "Submit" button to view the selected category.

Choose a category table:

[Return to Home Page](#)

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READ/BROWSE/DISPLAY Pets page

DELETE Pets page (deletes one M:N by also deleting corresponding row in Intakes table)

DYNAMIC DISPLAY/SEARCH Pets page

Pet Shelter Database

Not secure | flip3.engr.oregonstate.edu:9456/browse-pets

Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

List of Recorded Pets

Search: Filter By:

[Add New Pet](#)

Pet ID	Species	Name	Breed	Age	Gender	Weight	Color	Adoption Status Code	Adoption Fee Type	Fee	Edit	Delete
1	dog	Cooper	labrador mix	4.33	M	77.19	chocolate	HOLD	adult	\$150		
2	dog	Elsa	husky mix	0.16	F	8.75	black and white	ADPT	puppy	\$250		
3	dog	Stitch	chihuahua mix	8	M	19.75	tan	APRV	senior	\$100		
4	cat	Poppy	domestic shorthair mix	2	F	11	orange	APRV	adult	\$150		
5	cat	Hugh	domestic shorthair mix	8	M	2.19	black	ADPT	kitten	\$200		
6	dog	Fido	half pointer	4.45	F	57	brown	SICK	RARE	\$1500		
7	cat	Nermal	siamese	0.25	M	45	orange		kitten	\$200		
11	cat	Garfield	tabby	5	M	45	orange	LOST	Legendary	\$7800		
13	dog	Balto	wolfdog	4	M	75	black/gray	APRV	adult	\$150		

[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Pet page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Pet

Enter values for new pet

Species:

Select Pet Species

Pet Name:

Enter pet name here

Breed:

Enter pet breed here

Age (yrs):

Enter pet age in years he

Gender:

Select Pet Gender

Weight (lbs):

Enter pet weight in lbs he

Coat Color:

Enter pet coat color here

Adoption Status:

Select Pet Status

Adoption Fee Type:

Select Adoption Fee Type

Add Intake Information

Enter values for new intake

Intake Date:

mm/dd/yyyy

Processor:

Select Processor

Drop Off Type:

Select Drop Off Type

Intake Details:

Enter intake details here

Add Pet & Intake Data

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EDIT/UPDATE Pet page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Update Pet Information

Enter updates for selected pet

Species: Dog

Pet Name: Cooper

Breed: labrador mix

Age (yrs): 4.33

Gender: Male

Weight (lbs): 77.19

Coat Color: chocolate

Adoption Status: On Hold

Adoption Fee Type: adult: \$150

Save Updates

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READ/BROWSE/DISPLAY Adopters page
DELETE Adopters page

Pet Shelter Database

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Update








Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

List of Recorded Adopters

[Add New Adopter](#)

Adopter ID	First Name	Last Name	Address	Phone Number	Email	Birth Date	Delete
1	Angela	Montez	2250 Molly St, San Francisco, CA 94115	482-593-2845	monteza@email.com	11/28/1994	
2	Benjamin	Ling	526 Harvard Rd., Centreville, VA 20120	125-547-3876	lingb@email.com	10/22/1992	
3	Sasha	Howard	5062 Garfield Street, Ephrata, PA 17522	656-235-8965	howards@email.com	06/29/1977	
4	Tim	Smith	9950 Strawberry Ave., Coraopolis, MN 55104	693-097-2202	smitht@email.com	04/16/2002	
7	Terry	Stotts	9000 portland way	555-555-5555	terry@blazer.com	11/25/1957	
9	Chris	Webber	4444 granite way	123-123-1234	cwebb@kings.com	03/01/1973	
10	Michael	McDonald	5454 McDonald way	321-321-3321	michael@gmail.com	10/30/1983	

[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Adopter page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption.
It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Adopter

Enter values for new adopter

First Name:

Enter first name of adopter

Last Name:

Enter last name of adopter

Address:

Enter address of adopter here

Phone Number:

Enter phone number of adopter

Email:

Enter email of adopter here

Birth Date:

mm/dd/yyyy

Add Adopter

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READ/BROWSE/DISPLAY Personnel page

DELETE Personnel page

Pet Shelter Database

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Update

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Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

List of Recorded Personnel

[Add New Personnel](#)

Personnel ID	Personnel Type Code	Job Title	First Name	Last Name	Address	Phone Number	Email	Birthday	Delete
1	EFT	Animal Intakes Manager	Muriel	Rashn	778 Albany Circle, Arlington, NC, 28056	252-204-2115	murielr@email.com	06/09/1996	
2	EPT	Front Desk Assistant	Marie	Cohnan	850 Mountain View Ct., Arlington, NC 28059	252-208-6330	cohnanm@email.com	02/19/2000	
3	VCT		Vanna	Tran	514 Gainsway St., Arlington, NC 28111	252-129-1292	tranv@email.com	04/18/2004	
4	VDO		Arthur	Brooks	484 Woodland Rd., Arlington, NC 28959	252-556-0695	brooksa@email.com	05/30/1995	
5	VCD		Bobby	Lee	393 Armstrong Rd., Arlington, NC 28056	252-583-2816	leeb@email.com	11/23/2001	
8	CON	gig worker	Jerry	Reynolds	1234 Hoosier way	999-999-9999	jerry.reynolds@gmail.com	06/02/1947	

[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Personnel page

Pet Shelter Database

Not secure | flip3.engr.oregonstate.edu:9456/add-personnel

Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Personnel

Enter values for new personnel

Personnel Type:

Select Personnel Type

Job Title:

Enter job title here

First Name:

Enter first name of adopter

Last Name:

Enter last name of adopter l

Address:

Enter address of adopter h

Phone Number:

Enter personnel phone num

Email:

Enter personnel email here

Birth Date:

mm/dd/yyyy

Add Personnel

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READ/BROWSE/DISPLAY Intakes page
DELETE Intakes page

Pet Shelter Database

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Update








Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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List of Recorded Intakes

[Add New Intake](#)

Intake ID	Pet ID	Pet Name	Intake Date	Processor	Drop Off Type	Intake Details	Delete
1	4	Poppy	05/11/2022	Muriel Rashn	stray	Poppy was found under a bridge	
2	1	Cooper	12/28/2016	Muriel Rashn	stray	Picked up by animal services	
3	3	Stitch	05/17/2009	Marie Cohnan	owner surrender	Pet surrendered by Alice	
4	2	Elsa	04/05/2021	Marie Cohnan	stray		
5	5	Hugh	09/28/2006	Muriel Rashn	stray	Pet found on corner of bush and black	
11	11	Garfield	06/19/1978		owner surrender	Jon got tired of feeding Garfield for real	
13	13	Balto	08/01/2022	Jerry Reynolds	stray	Found underneath a pile of snow	

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CREATE/INSERT/ADD NEW Intake page

Pet Shelter Database

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Update

Pet Shelter Database

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[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Pet

Enter values for new pet

Species:

Select Pet Species

Pet Name:

Enter pet name here

Breed:

Enter pet breed here

Age (yrs):

Enter pet age in years he

Gender:

Select Pet Gender

Weight (lbs):

Enter pet weight in lbs he

Coat Color:

Enter pet coat color here

Adoption Status:

Select Pet Status

Adoption Fee Type:

Select Adoption Fee Type

Add Intake Information

Enter values for new intake

Intake Date:

mm/dd/yyyy

Processor:

Select Processor

Drop Off Type:

Select Drop Off Type

Intake Details:

Enter intake details here

Add Pet & Intake Data

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READ/BROWSE/DISPLAY Adopters_Pets and Adoption Requests page
 DELETE Adopters_Pets and Adoption Requests page (deletes one M:N by also deleting corresponding row in Adopters_Pets table)

[←](#) [→](#) [↻](#) Not secure | flip3.engr.oregonstate.edu:9456/browse-adoption-requests

Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

List of Recorded Adoption Requests

[Add New Adoption Request](#)

Adopter Pet ID	Adoption Request ID	Adopter Name	Pet Name	Processor	Request Date	Amount Paid	Request Status	Edit	Delete
1	1	Sasha Howard	Poppy	Muriel Rashn	05/18/2022		Under Review		
2	2	Benjamin Ling	Hugh	Muriel Rashn	10/02/2006	200	Approved		
3	3	Tim Smith	Stitch	Marie Cohnan	05/29/2009		Denied		
4	4	Angela Montez	Elsa	Marie Cohnan	04/09/2021	250	Approved		
9	9	Terry Stotts	Fido		08/01/2022	6	Approved		
10	10	Michael McDonald	Nermal		08/01/2022	12	Approved		
11	11	Chris Webber	Garfield	Jerry Reynolds	06/16/2022	34	Unknown		
12	12	Terry Stotts	Nermal	Arthur Brooks	08/02/2022	99	Under Review		

[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Adopters_Pets and Adoption Requests page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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Add New Adoption Request

Enter values for new adoption request

Adopter: -- Please select an Adopter --

Pet: -- Please select a Pet --

Processor: -- Please select a Processor --

Request Date: mm/dd/yyyy

Amount Paid: Enter amount paid here

Application Status: -- Please select a request status --

Add Adoption Request

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EDIT/UPDATE Adopters_Pets and Adoption Requests page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Edit Adoption Request

Enter updates for selected adoption request

Adopter: Sasha Howard

Pet: Poppy

Processor: Muriel Rashn, Employee Full-Time

Request Date: 05/18/2022

Amount Paid:

Application Status: Under Review

Save Updates

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READ/BROWSE/DISPLAY Adoption Fee Codes page
DELETE Adoption Fee Codes page

Pet Shelter Database

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Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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List of Recorded Adoption Fee Codes

[Add New Adoption Fee Code](#)

AdoptionFee ID	Code	Fee	Delete
1	puppy	250	
2	kitten	200	
3	adult	150	
4	senior	100	
5	RARE	1500	
6	Legendary	7800	

[Return Category Tables](#)
[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Adoption Fee Code page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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Add New Adoption Fee Code

Enter values for new adoption fee code

Code:

Fee:

Add AdoptionFeeCode

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READ/BROWSE/DISPLAY Adoption Request Status Codes page
DELETE Adoption Request Status Codes page

Pet Shelter Database

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Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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List of Recorded Adoption Request Status Codes

[Add New Adoption Request Status Code](#)

AdoptionRequestStatus ID	Code	Request Status	Delete
1	A	Approved	
2	U	Under Review	
3	D	Denied	
5	N	Unknown	

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[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Adoption Request Status Code page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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Add New Adoption Request Status Code

Enter values for new adoption request status code


Code:

Status:

Add Adoption Request Status Code

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READ/BROWSE/DISPLAY Personnel Type Codes page
DELETE Personnel Type Codes page


Pet Shelter Database

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






Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

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 [Adoption Requests](#) |
 [Category Tables](#) |

List of Recorded Personnel Codes

[Add New Personnel Code](#)

Personnel Code ID	Code	Personnel Type Description	Delete
1	EFT	Employee Full-Time	
2	EPT	Employee Part-Time	
3	VCT	Volunteer - Cats	
4	VDO	Volunteer - Dogs	
5	VCD	Volunteer - Both	
6	OWN	Owner	
9	CON	Contract Worker	

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[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Personnel Type Code page

Pet Shelter Database

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Update

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Personnel

Enter values for new personnel

Code:

Personnel Type:

Add Personnel

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READ/BROWSE/DISPLAY Pet Statuses page
DELETE Pet Statuses page

Pet Shelter Database

← → ↻ ⚠ Not secure | flip3.engr.oregonstate.edu:9456/browse-pet-statuses 🔗 ☆ ⚙ □ B Update ⋮






Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

List of Recorded Pet Statuses

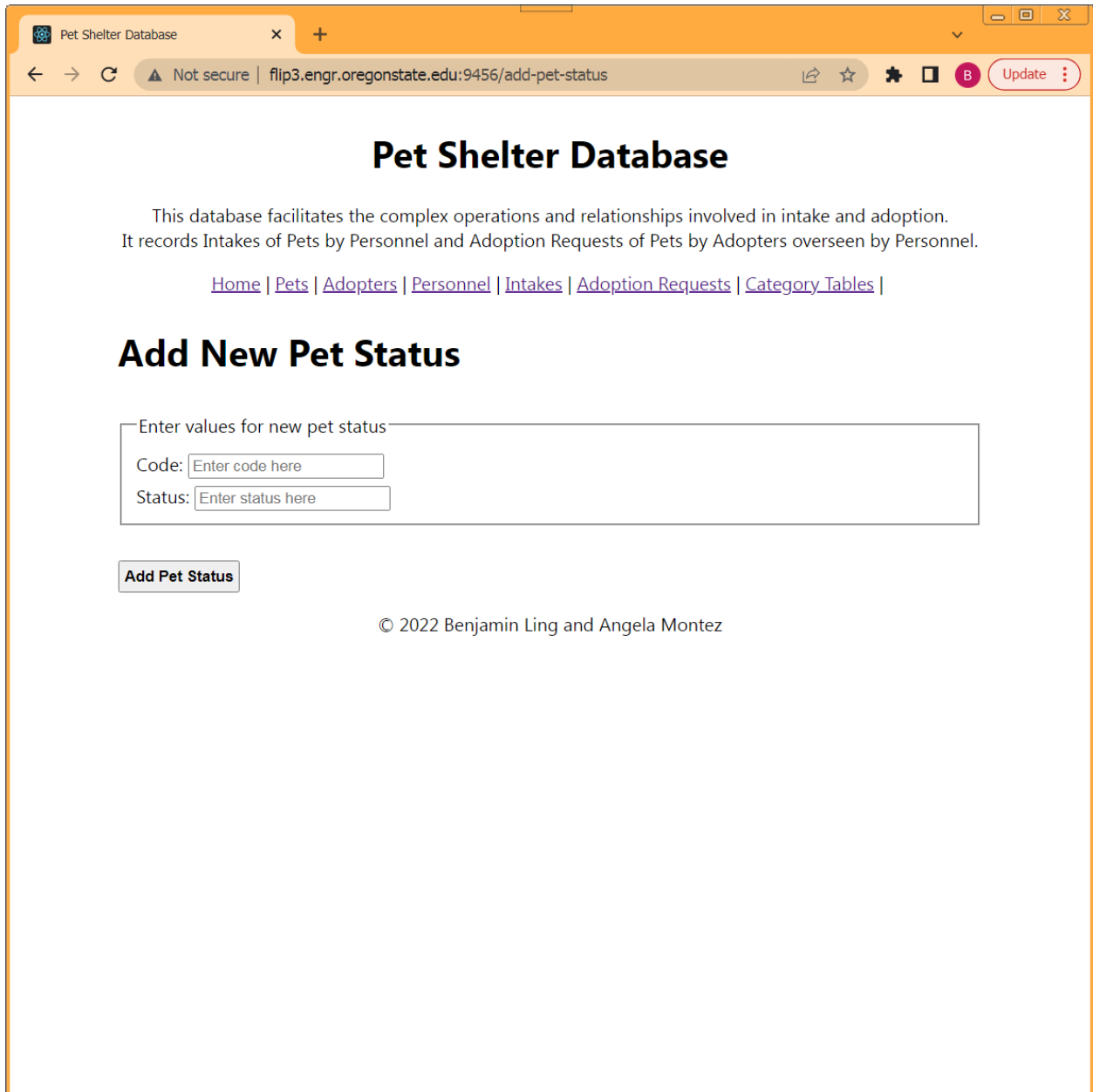
[Add New Pet Status](#)

Pet Status ID	Code	Status	Delete
1	HOLD	On Hold	
2	APRV	Approved for Adoption	
3	ADPT	Adopted	
6	SICK	Sick/disabled	
7	LOST	Unable to locate pet	

[Return Category Tables](#)
[Return to Home Page](#)

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CREATE/INSERT/ADD NEW Pet Statuses page



The screenshot shows a web browser window with the title 'Pet Shelter Database'. The address bar shows the URL 'flip3.engr.oregonstate.edu:9456/add-pet-status'. The page content includes a main heading 'Pet Shelter Database', a descriptive paragraph about the database's purpose, a navigation menu with links to 'Home', 'Pets', 'Adopters', 'Personnel', 'Intakes', 'Adoption Requests', and 'Category Tables', and a section titled 'Add New Pet Status'. This section contains a form with two input fields: 'Code' and 'Status', each with a placeholder text 'Enter code here' and 'Enter status here' respectively. Below the form is a button labeled 'Add Pet Status'. At the bottom of the page, there is a copyright notice: '© 2022 Benjamin Ling and Angela Montez'.

Pet Shelter Database

This database facilitates the complex operations and relationships involved in intake and adoption. It records Intakes of Pets by Personnel and Adoption Requests of Pets by Adopters overseen by Personnel.

[Home](#) | [Pets](#) | [Adopters](#) | [Personnel](#) | [Intakes](#) | [Adoption Requests](#) | [Category Tables](#) |

Add New Pet Status

Enter values for new pet status

Code:

Status:

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