

Smiller Espinal, Project 1

Pet Adoption Center Documentation

Overview

The Pet Adoption Center is a simple yet effective platform that allows users to browse and adopt pets. Built using PHP and HTML, this site is designed to make the adoption process easy and engaging. My goal was to create a space where users can find all the information they need to consider adopting a pet while having a fun experience.

Platform Structure

The site consists of several main pages:

1. **index.php**: This is the homepage where it all begins. It introduces the Pet Adoption Center and provides links to other important sections of the site, like Available Pets and Contact. The design is inviting, with a background that fits the pet care theme.
2. **available_pets.php**: This page showcases all the pets available for adoption, featuring 6 cats and 6 dogs. Each pet is displayed with an image, name, and breed. Users can click the “Adopt” button next to any pet to start the adoption process and be redirected to the form on processorder.php.
3. **processorder.php**: Here, users can fill out an adoption form after selecting a pet. The pet’s information is displayed, and once users submit their details, they receive a confirmation message. This page is key to making sure the adoption process is smooth and straightforward.
4. **adopt.php**: This file is included in processorder.php and contains the code to handle the pet adoption logic. It retrieves the pet ID from the URL and displays the corresponding pet's information, allowing users to adopt any pet seamlessly.
5. **pet_id.php**: This page serves as a dynamic route for displaying individual pet details based on the pet ID. It connects with available_pets.php to show the specific information for each pet, ensuring users can see exactly what they’re adopting.
6. **contact.php**: This page lets users reach out to the Pet Adoption Center. They can fill out their name, email, and message in a form. The design matches the rest of the site, keeping the theme consistent.

Features

- **Adoption Process:** Users can view pets and easily click to adopt. Each pet has a unique adoption form that gathers user information and sends it for processing.
- **Form Handling:** The `processorder.php` page not only displays the adoption form but also processes the submissions. It's designed to make the experience as user-friendly as possible.
- **Dynamic Pet Display:** Using `pet_id.php`, the platform can show specific details for each pet when users select them, enhancing the browsing experience.
- **Multiple Pages:** The platform includes several pages, each tailored to provide the necessary information and services related to pet adoption. This enhances usability and navigation.
- **Consistent Design:** I made sure that all pages have a similar look and feel. The design elements work together to create a warm and inviting atmosphere for potential adopters.

Page Breakdown

1. Homepage (`index.php`)

- **Purpose:** This is where users start their journey. It provides an overview of the Pet Adoption Center and links to other key sections of the site.
 - Navigation links to `available_pets.php`, `contact.php`, and `processorder.php`
 - An inviting background that fits the pet care theme

2. Available Pets Page (`available_pets.php`)

- **Purpose:** Displays all the pets looking for homes. Each pet has its own section with a photo and details, making it easy for users to find a good match.
 - A grid layout for the 12 pets (6 cats and 6 dogs)
 - An "Adopt" button for each pet that leads to the adoption form

3. Adoption Process Page (`processorder.php`)

- **Purpose:** Handles the adoption requests. When a user selects a pet, they're directed here to fill out the necessary information.

- Displays the selected pet's name and breed
- A form for the user to enter their name and email
- A confirmation message after successful submission
- Inclusion of adopt.php for pet adoption logic

4. Individual Pet Details (pet_id.php)

- **Purpose:** Provides a detailed view of each pet based on the pet ID passed from available_pets.php.
 - Displays specific information about the pet, including its picture and details
 - Ensures users can see exactly which pet they are adopting

5. Contact Page (contact.php)

- **Purpose:** Allows users to reach out to the Pet Adoption Center for inquiries.
 - A form for name, email, and message
 - Consistent design to maintain the theme

6. Style

- **Purpose:** Defines the visual style of the platform, including colors, fonts, and layouts.
 - Adoption related background
 - Lime green theme color for a fun vibe
 - Button and form styling for a cohesive look
 - Includes the name of pets, breed, and a picture of the pet.

Code

The platform utilizes basic PHP and HTML concepts, particularly around form handling and page linking. I drew inspiration from Chapters 1-7 of the course and applied those ideas here.

- **HTML Forms and PHP Handling:** I used HTML forms for the adoption and contact pages, with PHP to process the submissions effectively.
- **Dynamic Pages:** Each pet has a unique ID that's passed through the URL when a user clicks "Adopt," ensuring the correct pet's info appears on the form page.
- I styled the platform to maintain a cohesive look that reflects the pet adoption theme.

Challenges

- **Styling:** Adding the right style to the webpage was a real challenge for me. I wanted the design to resonate with the theme of caring for pets, and figuring out the perfect combination of colors and backgrounds took a lot of effort. In the end, I was able to create a fun atmosphere with paw print backgrounds and a lime green color scheme that fits perfectly.
- **Pet ID Management:** Ensuring each “Adopt” button linked to the correct pet was tricky, but I tackled this by using PHP’s GET method to pass the pet’s ID in the URL.
- **Form Handling:** Making sure the forms worked seamlessly was crucial. I used PHP to validate and process user inputs, and now everything functions as intended.

Installation Instructions

To set up the Pet Adoption Center project locally, follow these steps:

1. Download the project files from the GitHub repository.
2. Place the files in the htdocs folder of your XAMPP installation.
3. Start Apache (and MySQL, if needed) using the XAMPP control panel.
4. Open your web browser and navigate to <http://localhost/foldername/index.php> to access the Pet Adoption Center.

Technologies Used

The Pet Adoption Center is built using several key technologies. PHP is utilized for server-side scripting and form handling, while HTML structures the web pages. CSS is employed for styling the platform and creating a visually appealing experience. XAMPP serves as the local development and testing environment, making it easy to run the project on your computer..

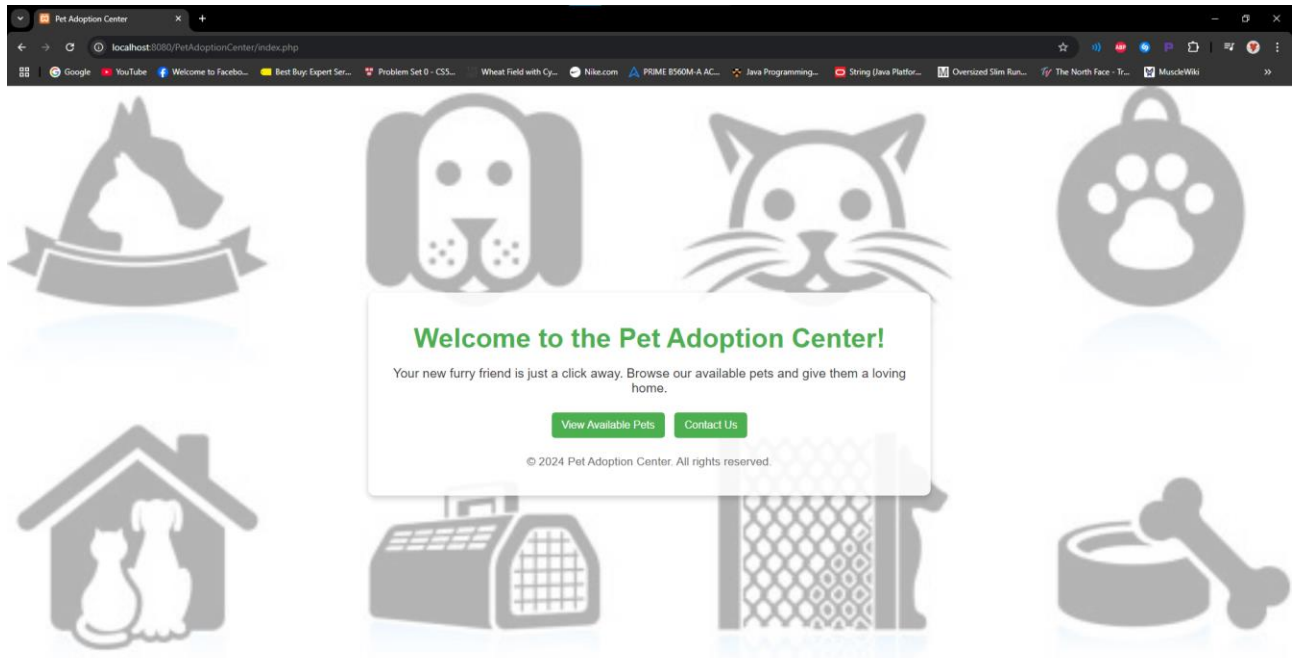
Troubleshooting Section

If you encounter any issues while using the site, here are some common problems and solutions. If images do not display, ensure that the file paths are correct and that the images are located in the designated folder. If the adoption form fails to submit, check your PHP settings in the XAMPP configuration to ensure everything is set up properly.

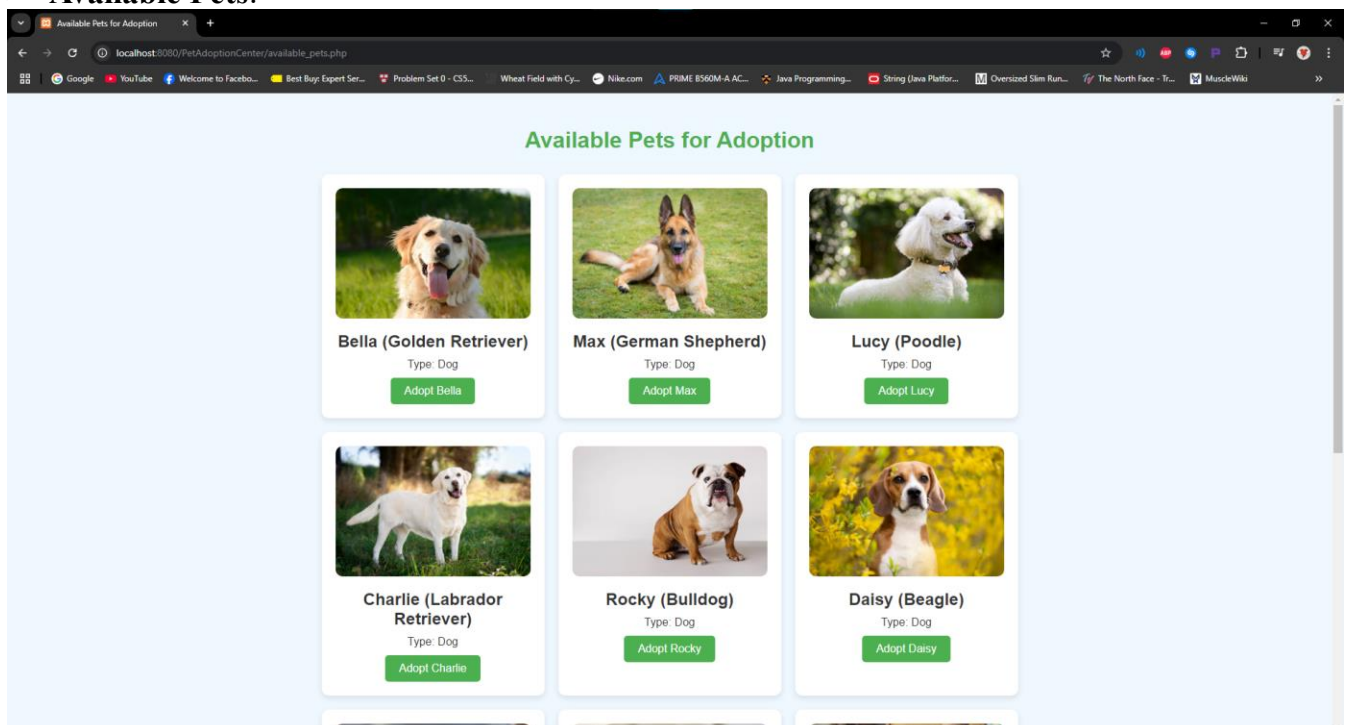
Visuals

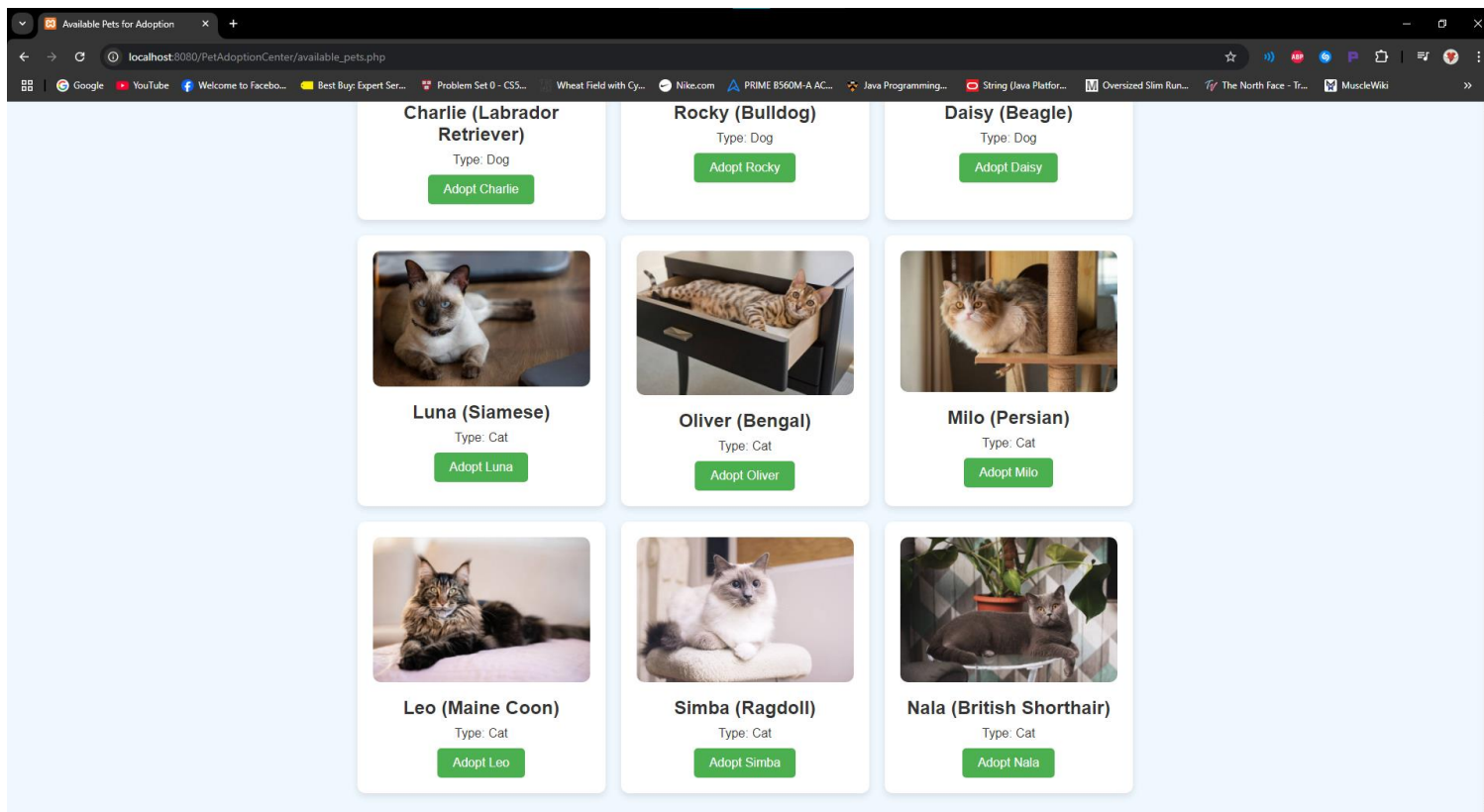
To enhance the understanding of the Pet Adoption Center, here are some screenshots of the platform at various stages:

- **Homepage:**



- **Available Pets:**





- **Adoption Form:**

A screenshot of a web browser displaying an adoption form for a specific pet. The browser's address bar shows 'localhost:8080/PetAdoptionCenter/processorder.php?petId=7'. The form is titled 'Adopt Luna' in green text. Below the title, it says 'You're adopting Luna (Breed: Siamese, Type: Cat)'. The form contains three input fields: 'Your Name', 'Your Email', and 'Why do you want to adopt this pet?'. At the bottom of the form is a green button labeled 'Submit Adoption Request'.