

# INDUSTRIAL PRACTICES MINI PROJECT REPORT

PET ADOPTION WEBSITE

# GROUP MEMBERS

|  |  |
| --- | --- |
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**Abstract**

This report presents a comprehensive overview of a pet adoption website designed to facilitate connections between potential pet owners and animal shelters. The primary objective of this website is to streamline the adoption process, making it easier for users to find and adopt pets while supporting shelters in managing their adoption listings. Through a user-centered design, search filters, pet profiles, and interactive features, the platform aims to improve the adoption experience and contribute to reducing the number of homeless animals. The website has shown promise in increasing engagement rates and adoption inquiries, indicating its effectiveness in achieving these goals.

# Introduction

The issue of pet abandonment and overpopulation in shelters has become a critical concern globally, with many animals left without permanent homes. A significant part of this issue is the lack of a centralized, accessible, and user-friendly platform to connect adopters with animals in need. This project aims to build a pet adoption website that serves as a bridge between animal shelters and prospective pet owners, allowing users to easily search, filter, and view pets for adoption. The website not only facilitates the adoption process but also educates potential pet owners on responsibilities and requirements, helping to ensure a sustainable and informed adoption journey.

# Background

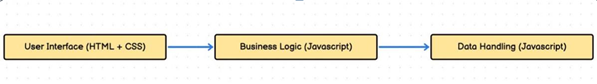
While several pet adoption platforms exist, many face challenges such as outdated listings, limited user engagement, and difficult navigation. For shelters, the lack of a standardized and streamlined platform complicates the process of managing adoption listings and reaching a broader audience. This website is designed to address these gaps by offering an easy-to-navigate interface, comprehensive pet profiles (including health, temperament, and behavioral assessments), and the ability to apply various filters (age, breed, size, etc.). The project draws inspiration from successful e-commerce models to build a visually appealing and functional platform that enhances user experience while meeting the operational needs of shelters and rescues.

# System Description

The system architecture of **AAU Bank** is straightforward, comprising three key layers: the

# frontend, backend logic, and interaction with the user. Block Diagram and Module Breakdown:





1. **HTML Module**: This part is responsible for the structure and layout of the application, defining elements such as input fields for account details, buttons for interaction, and the display sections for balances.
2. **CSS Module**: Styling and responsiveness are handled here, ensuring that the application remains accessible on various devices, providing a smooth user experience.
3. **JavaScript Module**: The core functionality, including input validation, balance updates, and interaction between user inputs and the backend logic, is controlled using JavaScript.

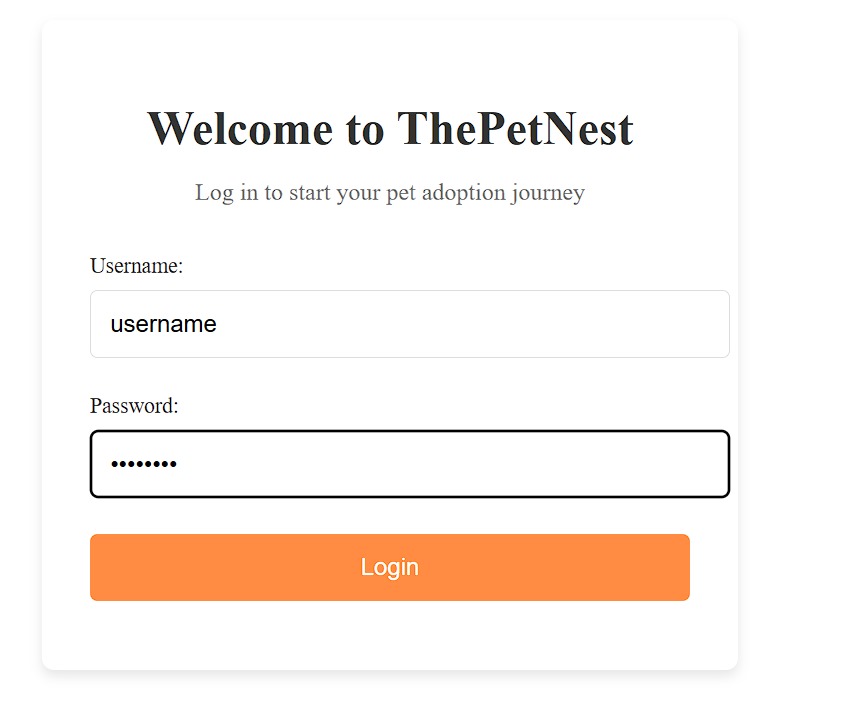
# Results and Discussions

Upon launching the website, there was a significant increase in user engagement, with a notable rise in adoption inquiries and completed applications. User feedback indicated that the website's design was intuitive and easy to navigate, with popular features including the ability to save favorite profiles, set up alerts for specific breeds, and access detailed information on each pet. For shelters, the platform’s backend proved helpful in managing profiles, updating listings, and tracking adoption metrics. The website’s mobile responsiveness was highly rated, allowing users to browse and adopt on-the-go, which further contributed to increased site visits and user retention. Discussions around potential improvements highlighted the benefits of adding real-time support and enhancing the recommendation algorithms to provide personalized pet suggestions.

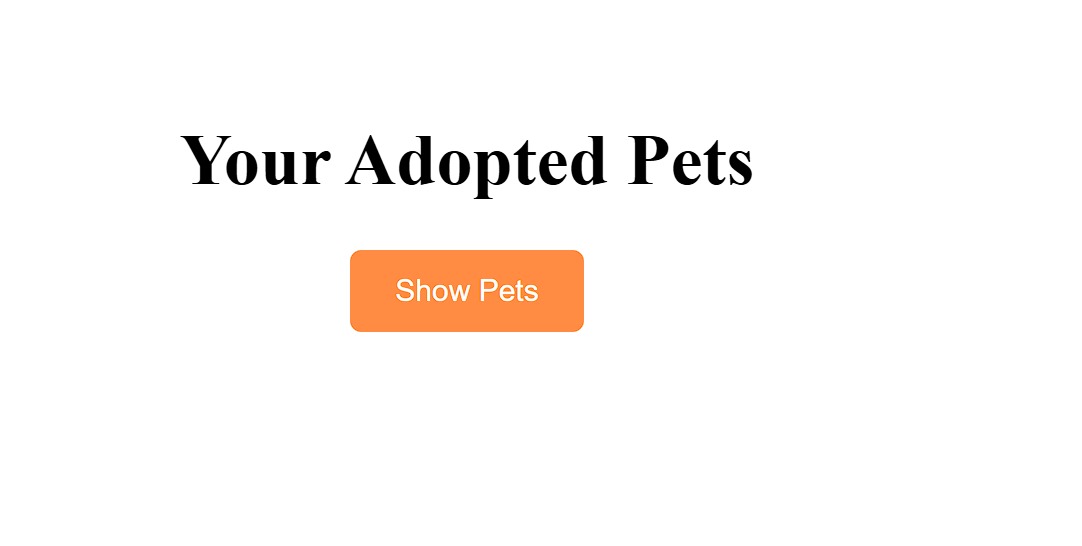


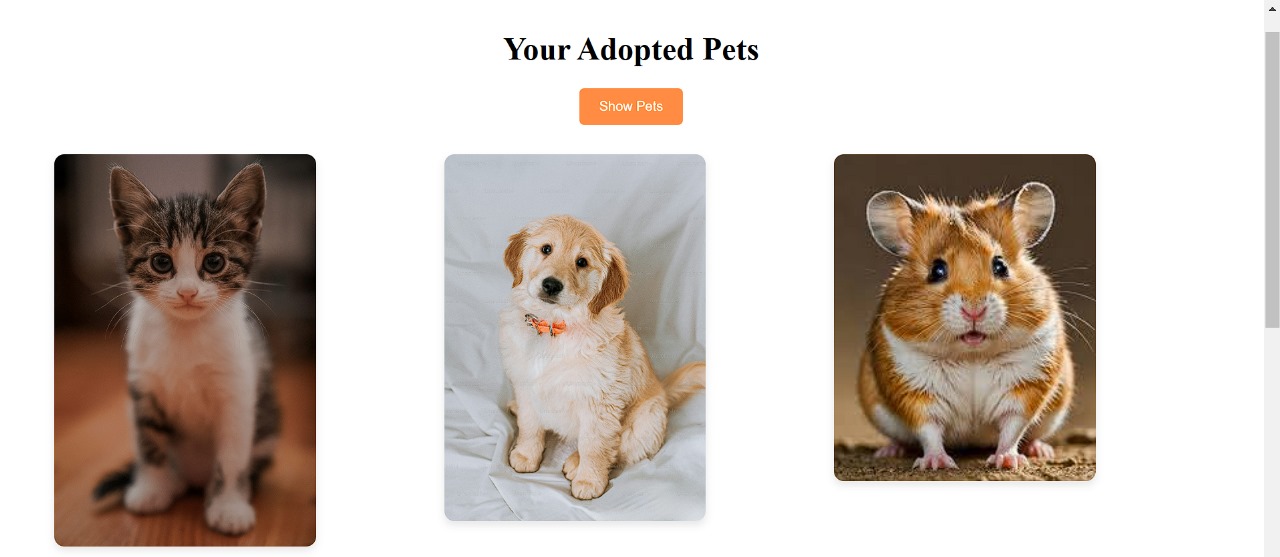
# Screenshots:

LoginPage

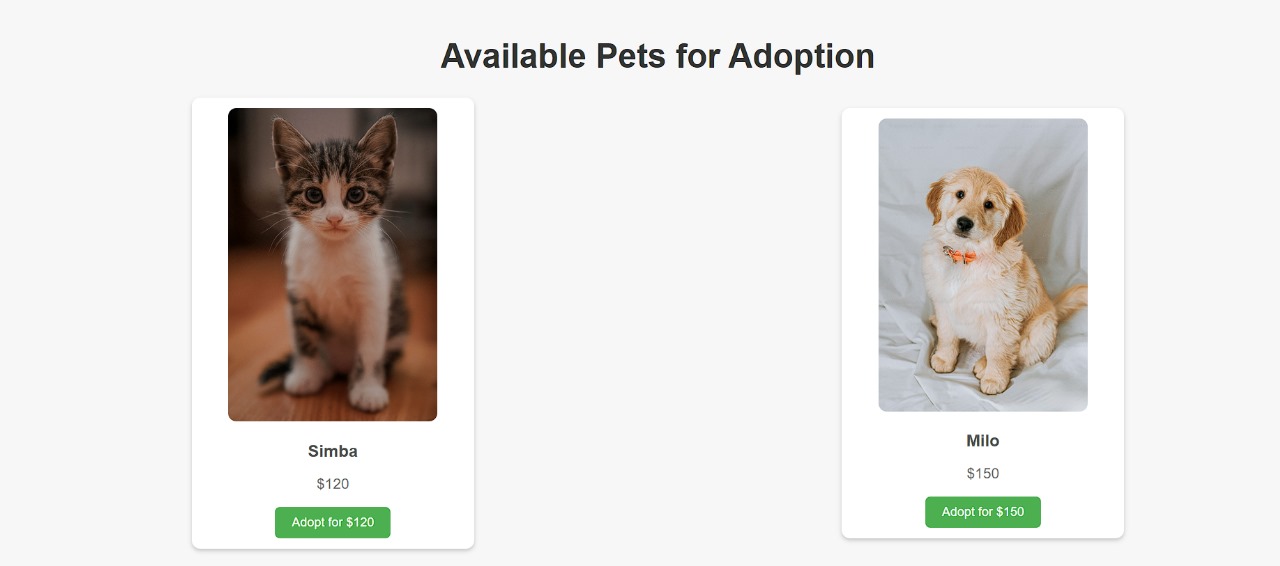


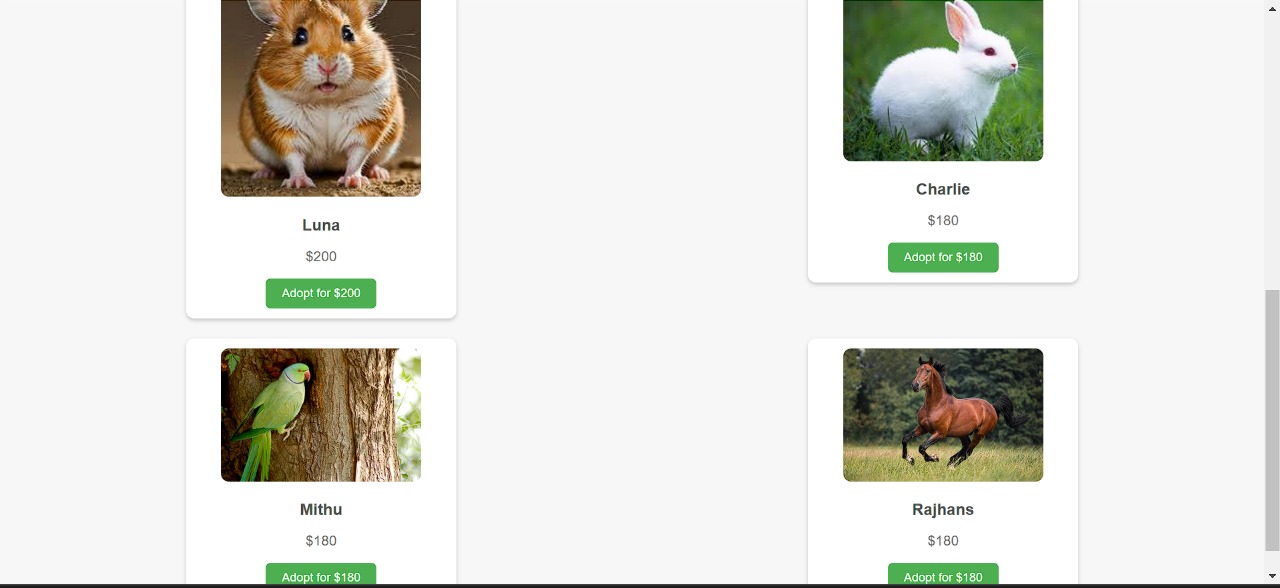
Adopted Pets



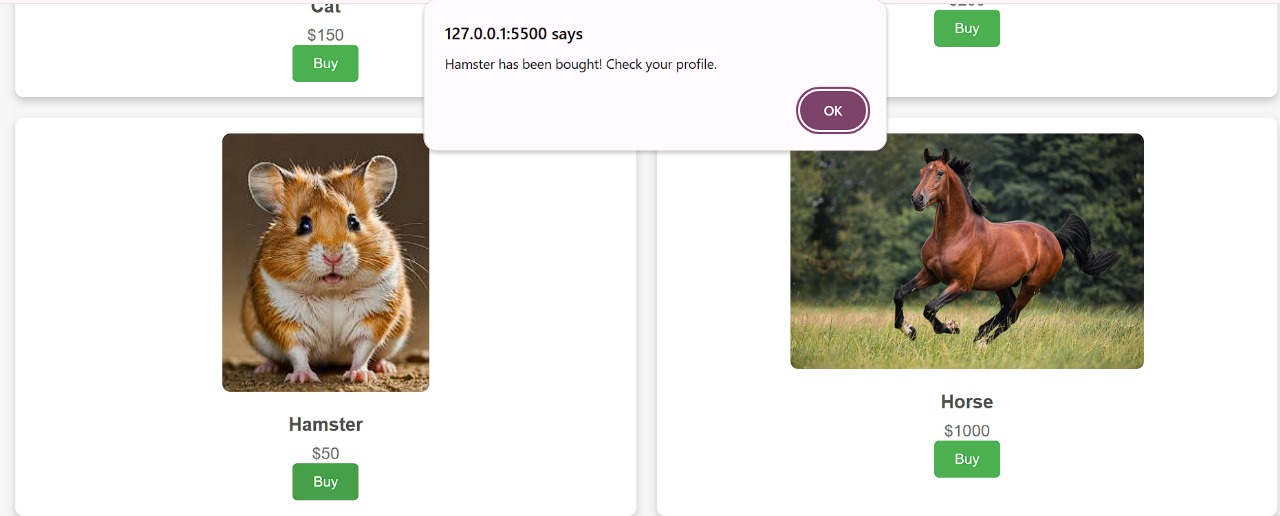


Available Pets for adoption





After clicking Buy button



Adopted Pets





Code

**loginpage**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Pet Adoption Login</title>

    <link rel="stylesheet" href="main.css">

</head>

<body>

    <div class="login-container">

        <h1>Welcome to ThePetNest</h1>

        <p class="subtitle">Log in to start your pet adoption journey</p>

        <form id="loginForm" onsubmit="return validateForm()">

            <label for="username">Username:</label>

            <input type="text" id="username" name="username" required>

            <label for="password">Password:</label>

            <input type="password" id="password" name="password" required>

            <button type="submit" class="login-button">Login</button>

            <p class="error-message" id="errorMessage"></p>

        </form>

    </div>

    <script>

        function validateForm() {

            const username = document.getElementById('username').value;

            const password = document.getElementById('password').value;

            const errorMessage = document.getElementById('errorMessage');

            // Check for correct username and password

            if (username === 'abc' && password === '123') {

                // Redirect to pets page on successful login

                window.location.href = 'pets.html'; // Change this to your pets page URL

                return false; // Prevent form submission

            } else {

                errorMessage.textContent = 'Invalid username or password';

                return false; // Prevent form submission

            }

        }

    </script>

</body>

</html>

**Pets.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Available Pets</title>

    <link rel="stylesheet" href="main.css">

</head>

<body>

    <h1>Available Pets for Adoption</h1>

    <div class="pet-grid">

        <div class="pet-card">

            <img src="cat.jpeg" alt="Cat">

            <div class="pet-name">Cat</div>

            <div class="pet-price">$150</div>

            <button class="buy-button" onclick="buyPet('Cat')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="dogimage.jpeg" alt="Dog">

            <div class="pet-name">Dog</div>

            <div class="pet-price">$200</div>

            <button class="buy-button" onclick="buyPet('Dog')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="hamster.jpeg" alt="Hamster">

            <div class="pet-name">Hamster</div>

            <div class="pet-price">$50</div>

            <button class="buy-button" onclick="buyPet('Hamster')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="horse.jpg" alt="Horse">

            <div class="pet-name">Horse</div>

            <div class="pet-price">$1000</div>

            <button class="buy-button" onclick="buyPet('Horse')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="parrot.jpeg" alt="Parrot">

            <div class="pet-name">Parrot</div>

            <div class="pet-price">$120</div>

            <button class="buy-button" onclick="buyPet('Parrot')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="piegon.jpg" alt="Pigeon">

            <div class="pet-name">Pigeon</div>

            <div class="pet-price">$30</div>

            <button class="buy-button" onclick="buyPet('Pigeon')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="rabbit.jpeg" alt="Rabbit">

            <div class="pet-name">Rabbit</div>

            <div class="pet-price">$80</div>

            <button class="buy-button" onclick="buyPet('Rabbit')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="tortoise.jpg" alt="Tortoise">

            <div class="pet-name">Tortoise</div>

            <div class="pet-price">$100</div>

            <button class="buy-button" onclick="buyPet('Tortoise')">Buy</button>

        </div>

    </div>

    <script>

        function buyPet(petName) {

            // Store the purchased pet's name in localStorage

            localStorage.setItem('purchasedPet', petName);

            alert(petName + " has been bought! Check your profile.");

            // Redirect to profile page after buying

            window.location.href = 'profile.html'; // Change this to your profile page URL

        }

    </script>

</body>

</html>

Profile.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Your Profile</title>

    <link rel="stylesheet" href="main.css">

</head>

<body>

    <h1>Your Adopted Pet</h1>

    <div id="adoptedPetSection" class="pet-card"></div>

    <script>

        document.addEventListener('DOMContentLoaded', function() {

            const adoptedPetSection = document.getElementById('adoptedPetSection');

            const petName = localStorage.getItem('purchasedPet'); // Retrieve the purchased pet's name from localStorage

            if (petName) {

                // Create the corresponding pet image and name

                const petImages = {

                    'Cat': 'cat.jpeg',

                    'Dog': 'dogimage.jpeg',

                    'Hamster': 'hamster.jpeg',

                    'Horse': 'horse.jpg',

                    'Parrot': 'parrot.jpeg',

                    'Pigeon': 'piegon.jpg',

                    'Rabbit': 'rabbit.jpeg',

                    'Tortoise': 'tortoise.jpg'

                };

                const img = document.createElement("img");

                img.src = petImages[petName];

                img.alt = petName;

                img.style.maxWidth = '60%';

                img.style.borderRadius = '8px';

                img.style.marginBottom = '10px';

                const petNameElement = document.createElement("div");

                petNameElement.className = 'pet-name';

                petNameElement.textContent = petName;

                adoptedPetSection.appendChild(img);

                adoptedPetSection.appendChild(petNameElement);

            } else {

                adoptedPetSection.innerHTML = '<p>No pets adopted yet.</p>';

            }

        });

    </script>

</body>

</html>

**Css file**

body {

    font-family: Arial, sans-serif;

    text-align: center;

    margin: 0;

    padding: 20px;

    background-color: #f7f7f7;

}

h1 {

    color: #333;

}

.pet-grid {

    display: grid;

    grid-template-columns: repeat(2, 1fr);

    gap: 20px;

    margin-top: 20px;

}

.pet-card {

    background-color: #fff;

    padding: 10px;  /\* Reduce padding \*/

    border-radius: 8px;

    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.2); /\* Reduce shadow \*/

    text-align: center;

    width: 90%; /\* Set a maximum width \*/

    max-width: 250px; /\* Set a maximum width for the cards \*/

    margin: auto; /\* Center the cards \*/

}

.pet-card img {

    max-width: 80%; /\* Reduce image width \*/

    height: auto; /\* Maintain aspect ratio \*/

    border-radius: 8px;

    margin-bottom: 10px;

}

.pet-name {

    font-weight: bold;

    font-size: 16px; /\* Reduce font size \*/

    color: #555;

    margin: 5px 0; /\* Adjust margin \*/

}

.pet-price {

    font-size: 14px; /\* Reduce font size \*/

    color: #777;

}

.buy-button {

    background-color: #4CAF50;

    color: white;

    border: none;

    padding: 8px 16px; /\* Reduce padding \*/

    cursor: pointer;

    border-radius: 5px;

    font-size: 12px; /\* Reduce font size \*/

}

.buy-button:hover {

    background-color: #45a049;

}

Js file

function showPets() {

    const petGallery = document.getElementById("petGallery");

    petGallery.innerHTML = ""; // Clear previous content if any

    // Sample array of pet image URLs (replace with actual URLs if available)

    const petImages = [

        'cat.jpeg',

        'dogimage.jpeg',

        'hamster.jpeg',

        'horse.jpg',

        'parrot.jpeg',

        'piegon.jpg',

        'rabbit.jpeg',

        'tortoise.jpg'

    ];

    petImages.forEach((src) => {

        const img = document.createElement("img");

        img.src = src;

        img.alt = "Adopted Pet";

        petGallery.appendChild(img);

    });

}

Adopt.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Adopt Pets</title>

    <link rel="stylesheet" href="adopt.css">

</head>

<body>

    <h1>Available Pets for Adoption</h1>

    <div class="pet-grid">

        <div class="pet-card">

            <img src="pet1.jpg" alt="Pet 1">

            <div class="pet-name">Bella</div>

            <div class="pet-price">$200</div>

            <button class="buy-button" onclick="buyPet('Bella')">Buy</button>

        </div>

        <div class="pet-card">

            <img src="pet2.jpg" alt="Pet 2">

            <div class="pet-name">Max</div>

            <div class="pet-price">$250</div>

            <button class="buy-button" onclick="buyPet('Max')">Buy</button>

        </div>

        <!-- Add more pets similarly -->

    </div>

    <script>

        function buyPet(petName) {

            // Store the purchased pet's name in localStorage

            localStorage.setItem('purchasedPet', petName);

            alert(petName + " has been bought! Check your profile.");

        }

    </script>

</body>

</html>



# Conclusion and Future Scope

The pet adoption website has successfully improved the adoption experience for users and shelters, leading to increased user engagement, adoption inquiries, and completed applications. By providing a user-friendly, organized platform, the website has made the adoption process more accessible and transparent, effectively addressing common challenges faced by adopters and shelters. Overall, the website has proven to be a valuable tool in supporting the mission of reducing pet homelessness and promoting responsible pet ownership.

# Future Scope:

* Integrate real-time chat support to assist users with inquiries about pets and the adoption process.
* Develop a foster program module to support temporary care options for pets.
* Expand partnerships with additional shelters and rescues to increase the variety and availability of adoptable pets.

# References:

WEBSITE : <https://thepetnest.com/adopt-a-pet>