

PET ADOPTION:

Abstract:

This abstract outlines a community-driven pet adoption program aimed at reducing the number of homeless animals while promoting responsible pet ownership. The initiative seeks to connect potential adopters with local shelters and rescue organizations, providing resources and support throughout the adoption process. Key components include educational workshops on pet care, a matchmaking service to align families with suitable pets, and post-adoption support to ensure successful integration into homes.

1. Introduction:

The plight of homeless animals is a pressing issue in many communities, with millions of pets entering shelters each year. While the dedication of animal shelters and rescue organizations is commendable, the growing number of abandoned pets underscores the need for comprehensive solutions. Pet adoption not only offers a loving home to these animals but also enriches the lives of families and individuals who choose to adopt.

The primary goals of the system are:

Ease of Access: Our pet adoption program prioritizes ease of access by providing online resources, streamlined applications, and community events to connect prospective pet owners.

Resource Management: Effective resource management in our pet adoption program ensures optimal use of funding, volunteers, and materials to support animal care, outreach, and successful adoptions.

Efficiency: Our pet adoption program focuses on efficiency by streamlining processes, reducing wait times, and utilizing technology to enhance the adoption experience for both pets and their new families.

2. System Analysis:

A thorough system analysis of our pet adoption program involves a detailed examination of current processes, stakeholder interactions, and technology use. This analysis aims to identify inefficiencies and bottlenecks that may hinder successful adoptions. By mapping out the entire adoption journey—from

Data collected from past adoptions, feedback from adopters, and shelter staff insights are crucial in informing our strategies. This analysis not only helps in streamlining workflows but also enhances communication between shelters and the community, ensuring a more efficient and supportive adoption experience..

Stakeholder feedback will be gathered through surveys and focus groups with adopters, shelter staff, and volunteers, providing valuable insights into their experiences and expectations. This qualitative data will complement our quantitative findings, enabling us to develop a comprehensive understanding of system performance.

User Requirements:

- **Usability:** The adoption platform must be user-friendly, allowing potential adopters to easily navigate through pet listings, application forms, and educational resources.
- **Performance:** The system should handle a high volume of users simultaneously, ensuring quick load times and responsive interactions, especially during peak adoption events.
- **Reliability:** The adoption process should be reliable, with minimal downtime for the website and support services, ensuring users can access information and services whenever needed.
- **Security:** User data, including personal information and payment details, must be protected through robust security measures to prevent unauthorized access and data breaches.
- **Scalability:** The system should be scalable to accommodate future growth in the number of users, pets available for adoption, and additional services or features.
- **Maintainability:** The software should be easy to maintain and update, allowing for the integration of new features and improvements based on user feedback and changing needs.
- **Accessibility:** The platform must meet accessibility standards to ensure that individuals with disabilities can easily access and use all features of the adoption system.

.Specifications of the System:

Programming Language: HTML,CSS,JS

3. Implementation:

- **HTML:** Defines the structure of the page, including a form for adding transactions, sections for financial summaries, and a transaction list.
- **CSS:** Provides the styling for the page, including responsive design and simple layouts for financial data and forms.
- **JavaScript:**
 - Handles adding and removing courses.
 - Updates the DOM in real-time to reflect user actions.

System Architecture:

- **Frontend:** The user interface is built using HTML, CSS, and JavaScript to create responsive and dynamic pages. Bootstrap is used for the styling and layout of the pages.
- **Backend:** The backend is implemented using Node.js (or another server-side language) and is responsible for handling authentication, file uploads, and retrieval of resources. RESTful APIs are used to communicate between the frontend and backend.
- **Database:** A relational database (e.g., MySQL, PostgreSQL) stores user credentials, uploaded resources, and their metadata (title, description, etc.).

References:

W3Schools – HTML, CSS and JavaScript Tutorials:

- A beginner-friendly platform for learning HTML, CSS, and JavaScript with interactive examples.
- Link: <https://www.w3schools.com/>

SourceCode:

LOGIN .html:

```
<!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="styles.css">
</head>
<body>
  <div class="login-container">
    <h2>Login to Pet Adoption System</h2>
    <form id="loginForm">
      <label for="role">Select Role:</label>
      <select id="role" required>
        <option value="">Select your role</option>
        <option value="admin">Admin</option>
        <option value="user">User</option>
      </select>

      <label for="username">Username:</label>
      <input type="text" id="username" placeholder="Enter your username" required>

      <label for="password">Password:</label>
      <input type="password" id="password" placeholder="Enter your password" required>

      <button type="submit">Login</button>
    </form>

    <!-- Error message display -->
    <p id="error-message" style="color: red; display: none;">Invalid login details. Please try again.</p>
  </div>

  <script src="login.js"></script>
</body>
</html>
```

admin_dashboard.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Admin Dashboard - Pet Adoption</title>
  <link rel="stylesheet" href="styleless.css">
</head>
<body>
  <header>
    <h1>Admin Dashboard - Pet Adoption</h1>
  </header>

  <div class="container">
    <h2>Manage Pets</h2>

    <div class="form-container">
      <h3>Add a New Pet</h3>
      <form id="addPetForm">
        <label for="name">Pet Name:</label>
        <input type="text" id="name" required>

        <label for="type">Type:</label>
        <select id="type" required>
          <option value="Dog">Dog</option>
          <option value="Cat">Cat</option>
          <option value="Fish">Fish</option>
          <option value="Bird">Bird</option>
        </select>

        <label for="breed">Breed:</label>
        <input type="text" id="breed" required>

        <label for="age">Age:</label>
        <input type="number" id="age" min="0" required>

        <button type="submit">Add Pet</button>
      </form>
    </div>
    <div class="pet-list-container">
      <h3>Current Pets for Adoption</h3>
      <table id="petTable">
        <thead>
          <tr>
            <th>Name</th>
            <th>Type</th>
          </tr>
        </thead>
      </table>
    </div>
  </div>
</body>
</html>
```

```

        <th>Breed</th>
        <th>Age</th>
        <th>Actions</th>
    </tr>
</thead>
<tbody>

    </tbody>
</table>
</div>
</div>

<script src="admin.js"></script>
</body>
</html>

```

User_dashboard.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Pet Adoption</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <header>
        <h1>Pet Adoption Website</h1>
    </header>
    <section id="pet-list">
        <h2>Browse Pets</h2>
        <div class="pet-container" id="pet-container">
            <!-- Pets will be dynamically added here -->
        </div>
    </section>
    <section id="adoption-form-section">
        <h2>Adopt a Pet</h2>
        <form id="adoption-form">
            <label for="pet-select">Choose a Pet:</label>
            <select id="pet-select" required>
                <option value="">Select a pet</option>
            </select>

            <label for="user-name">Your Name:</label>
            <input type="text" id="user-name" placeholder="Enter your name" required>

            <label for="user-email">Your Email:</label>
            <input type="email" id="user-email" placeholder="Enter your email" required>

```

```
        <button type="submit">Submit Adoption Form</button>
    </form>
</section>

<script src="script.js"></script>
</body>
</html>
```

LOGIN.CSS:

```
body {
    font-family: Arial, sans-serif;
    background-color: #f8f9fa;
    color: #333;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
}

.login-container {
    background-color: #ffffff;
    padding: 30px;
    border-radius: 10px;
    box-shadow: 0px 0px 15px rgba(0, 0, 0, 0.1);
    width: 300px;
    text-align: center;
}

h2 {
    color: #28a745;
    margin-bottom: 20px;
}

form label, form input, form select, form button {
    display: block;
    width: 100%;
    margin-bottom: 15px;
}

form input, form select {
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
font-size: 1rem;
}

form button {
padding: 10px;
background-color: #28a745;
border: none;
border-radius: 5px;
color: white;
cursor: pointer;
}

form button:hover {
background-color: #218838;
}
```

ADMIN.CSS:

```
body {
font-family: Arial, sans-serif;
background-color: #f0f0f0;
color: #333;
}

header {
background-color: #28a745;
color: white;
padding: 20px;
text-align: center;
}

.container {
max-width: 1000px;
margin: 20px auto;
padding: 20px;
background-color: #fff;
border-radius: 10px;
box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}

h2, h3 {
color: #28a745;
}

.form-container {
margin-bottom: 30px;
}
```



```
label {
  display: block;
  margin-bottom: 5px;
  font-weight: bold;
}

input, select {
  width: 100%;
  padding: 10px;
  margin-bottom: 15px;
  border: 1px solid #ccc;
  border-radius: 5px;
}

button {
  background-color: #28a745;
  color: white;
  padding: 10px 20px;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}

button:hover {
  background-color: #218838;
}

.pet-list-container {
  margin-top: 40px;
}

table {
  width: 100%;
  border-collapse: collapse;
}

th, td {
  padding: 10px;
  border-bottom: 1px solid #ccc;
}

th {
  background-color: #28a745;
  color: white;
}

td {
  text-align: center;
}
```

```
.actions button {  
  background-color: #dc3545;  
  color: white;  
  padding: 5px 10px;  
  border: none;  
  border-radius: 3px;  
  cursor: pointer;  
}
```

```
.actions button:hover {  
  background-color: #c82333;  
}
```

USER.CSS:

```
body {  
  font-family: Arial, sans-serif;  
  margin: 0;  
  padding: 0;  
  background-color: #f7f7f7;  
}
```

```
header {  
  background-color: #4CAF50;  
  color: white;  
  padding: 15px;  
  text-align: center;  
}
```

```
h1, h2 {  
  margin: 0 0 15px 0;  
}
```

```
section {  
  padding: 20px;  
  margin: 20px;  
  background-color: white;  
  border-radius: 5px;  
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
.pet-container {  
  display: flex;  
  gap: 20px;  
  flex-wrap: wrap;  
}
```

```
.pet-card {
```

```

background-color: #f0f0f0;
border: 1px solid #ddd;
padding: 15px;
width: 200px;
text-align: center;
border-radius: 5px;
}

.pet-card img {
width: 100%;
border-radius: 5px;
}

form {
display: flex;
flex-direction: column;
gap: 10px;
}

label {
font-weight: bold;
}

input, select, button {
padding: 10px;
border: 1px solid #ccc;
border-radius: 5px;
}

button {
background-color: #4CAF50;
color: white;
cursor: pointer;
}

button:hover {
background-color: #45a049;
}

```

LOGIN.JS:

```

document.getElementById('loginForm').addEventListener('submit', function(e) {
e.preventDefault();

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

if (role && username && password) {
if (role === 'admin') {

```

```

    // Redirect to Admin Dashboard
    window.location.href = 'admin.html';
  } else if (role === 'user') {
    // Redirect to User Dashboard
    window.location.href = 'index.html';
  } else {
    alert('Please select a valid role.');
```

ADMIN.JS:

Sample list of pets (this would be replaced by a database in a real app)

```
let pets = [];
```

Function to render pets in the table

```
function renderPets() {
  const petTableBody = document.querySelector('#petTable tbody');
  petTableBody.innerHTML = ""; // Clear the table

  pets.forEach((pet, index) => {
    const row = document.createElement('tr');
    row.innerHTML = `
      <td>${pet.name}</td>
      <td>${pet.type}</td>
      <td>${pet.breed}</td>
      <td>${pet.age}</td>
      <td class="actions">
        <button onclick="deletePet(${index})">Delete</button>
      </td>
    `;
    petTableBody.appendChild(row);
  });
}
```

Function to handle form submission and add a new pet

```
document.getElementById('addPetForm').addEventListener('submit', function(e) {
  e.preventDefault();

  const name = document.getElementById('name').value;
  const type = document.getElementById('type').value;
  const breed = document.getElementById('breed').value;
  const age = document.getElementById('age').value;

  const newPet = { name, type, breed, age };
  pets.push(newPet);
});
```

```
Clear form  
this.reset();
```

```
Re-render the table  
renderPets();  
});
```

```
Function to delete a pet  
function deletePet(index) {  
  pets.splice(index, 1);  
  renderPets();  
}
```

USER.JS:

```
// Sample pets data  
const pets = [  
  {  
    name: 'Buddy',  
    type: 'Dog',  
    breed: 'Golden Retriever',  
    age: '6 months',  
    image: 'http://ts4.mm.bing.net/th?id=OIP.mL3Vg5ykETf75oW9AiB2fwHaFj&pid=15.1'  
  },  
  {  
    name: 'Mittens',  
    type: 'Cat',  
    breed: 'Siamese',  
    age: '1 year',  
    image: 'https://th.bing.com/th/id/OIP.dY3AAJfRysMpKAKDumWsXgHaE8?w=252&h=180&c=7&r=0&o=5&pid=1.7'  
  },  
  {  
    name: 'Milo',  
    type: 'Dog',  
    breed: 'Beagle',  
    age: '1 year',  
    image: 'https://th.bing.com/th?id=OIP.vpENuVG6_Ke79c0shGAHMQHaFn&w=287&h=217&c=8&rs=1&qlt=90&o=6&cb=13&pid=3.1&rm=2'  
  },  
  {  
    name: 'Nemo',  
    type: 'Fish',  
    breed: 'Clownfish',  
    age: '6 months',  
    image: 'https://th.bing.com/th/id/OIP.upTzhkNBIdp4Mm88JnxbWgHaFj?w=227&h=180&c=7&r=0&o=5&pid=1.7'  
  },
```

```

    {
      name: 'Falcon',
      type: 'Bird',
      breed: 'Eagle',
      age: '1 year',
      image: 'https://th.bing.com/th/id/OIP.QXsSUKQ03SoTVPVE32zxRgHaE5?w=259&h=180&c=7&r=0&o=5&pid=1.7'
    }
  ];

// Function to display pets
function displayPets() {
  const petContainer = document.getElementById('pet-container');
  const petSelect = document.getElementById('pet-select');

  pets.forEach((pet, index) => {
    // Create pet card
    const petCard = document.createElement('div');
    petCard.classList.add('pet-card');
    petCard.innerHTML = `
      
      <h3>${pet.name}</h3>
      <p>Type: ${pet.type}</p>
      <p>Breed: ${pet.breed}</p>
      <p>Age: ${pet.age}</p>
    `;
    petContainer.appendChild(petCard);

    // Add pet to the adoption form dropdown
    const option = document.createElement('option');
    option.value = index;
    option.textContent = pet.name;
    petSelect.appendChild(option);
  });
}

// Function to handle form submission
document.getElementById('adoption-form').addEventListener('submit', function(e) {
  e.preventDefault();

  const selectedPetIndex = document.getElementById('pet-select').value;
  const userName = document.getElementById('user-name').value;
  const userEmail = document.getElementById('user-email').value;

  if (selectedPetIndex === "") {
    alert("Please select a pet to adopt.");
    return;
  }

  const selectedPet = pets[selectedPetIndex].name;

```

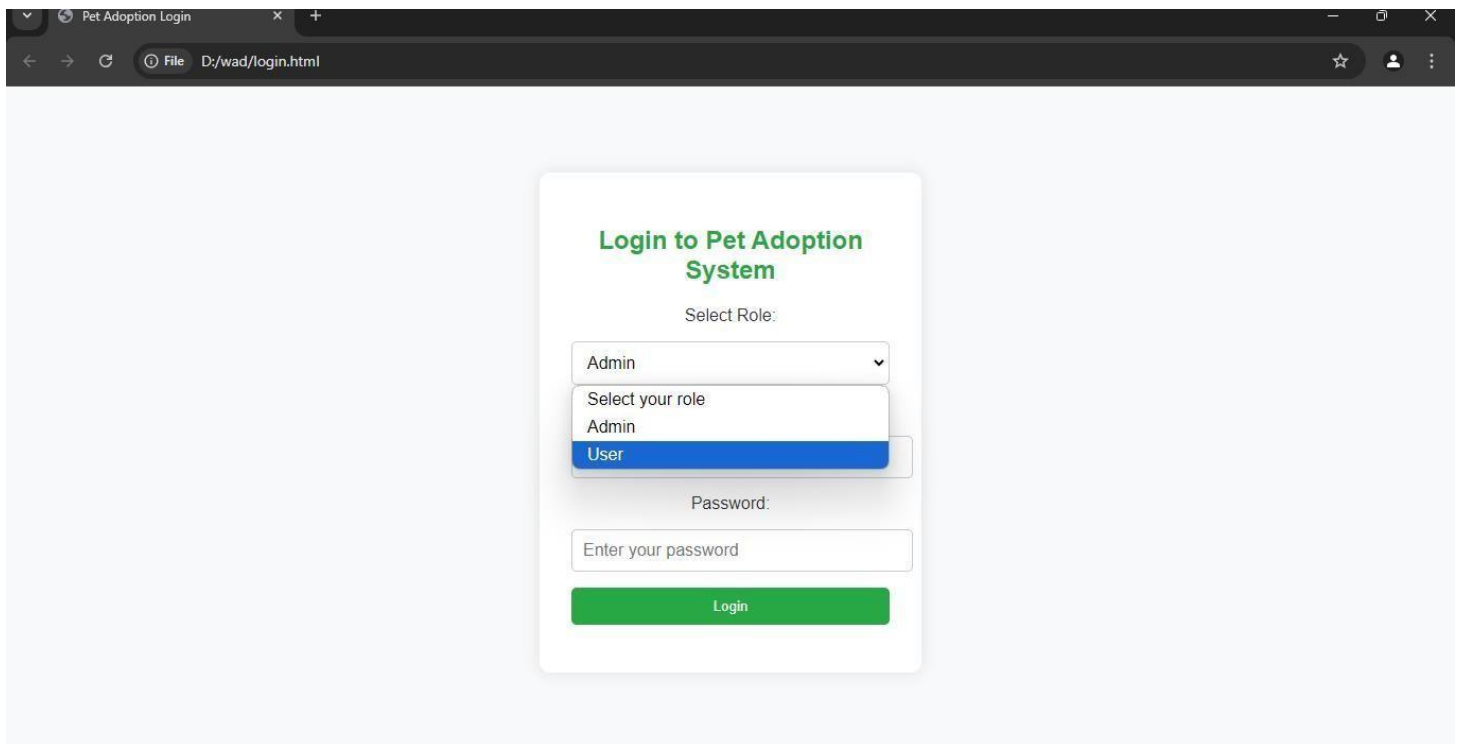
```
alert('Thank you, ${userName}! You have applied to adopt ${selectedPet}. We will contact you at ${userEmail}.');

// Clear the form after submission
document.getElementById('adoption-form').reset();
});

// Initialize the pet listing on page load
displayPets();
```

Output:

User login:



Pet Adoption Login

File D:/wad/login.html

Login to Pet Adoption System

Select Role:

Admin

Select your role

Admin

User

Password:

Enter your password

Login

ADMIN DASHBOARD:

Admin Dashboard - Pet Adoption

Manage Pets

Add a New Pet

Pet Name:

Type:

Dog

Breed:

Age:

Add Pet

Current Pets for Adoption

Name	Type	Breed	Age	Actions
Buddy	Dog	Golden Retriever	1	Delete
Mittens	Cat	Siamese	1	Delete
Milo	Dog	Beagle	1	Delete
Nemo	Fish	Clown Fish	0	Delete
Falcon	Bird	Eagle	1	Delete

User dashboard:

Pet Adoption Website

Browse Pets



Buddy

Type: Dog
Breed: Golden Retriever
Age: 6 months



Mittens

Type: Cat
Breed: Siamese
Age: 1 year



Milo

Type: Dog
Breed: Beagle
Age: 1 year



Nemo

Type: Fish
Breed: Clownfish
Age: 6 months



Falcon

Type: Bird
Breed: Eagle
Age: 1 year

Adopt a Pet

Choose a Pet:

Select a pet

Your Name:

Enter your name

Your Email:

Enter your email

Submit Adoption Form

submit dashboard:

Buddy
Type: Dog
Breed: Golden Retriever
Age: 6 months

Mittens
Type: Cat
Breed: Siamese
Age: 1 year

This page says
Thank you, ALWIN DAVID! You have applied to adopt Buddy. We will contact you at ajaydavidalwin@gmail.com.
OK

Falcon
Type: Bird
Breed: Eagle
Age: 1 year

Adopt a Pet
Choose a Pet:
Buddy
Your Name:
ALWIN DAVID
Your Email:
ajaydavidalwin@gmail.com
Submit Adoption Form

GITHUB:<https://github.com/prakash595/prakash>